EA MLA Signatory
Český institut pro akreditaci, o.p.s.
(Czech Accreditation Institute)
Hájkova 2747/22, Žižkov, 130 00 Praha 3

issues

according to section 16 of Act No. 22/1997 Coll., on technical requirements for products and on changes and amendments to some Acts, as amended

CERTIFICATE OF ACCREDITATION

No. **678/2025**

Institut pro testování a certifikaci, a.s.
with registered office třída Tomáše Bati 299, Louky, 763 02 Zlín
Company Registration No. 47910381

for the Calibration Laboratory No. **2222**
Calibration Laboratory

Scope of accreditation:

Calibration of measuring instruments in the fields of length, plane angle, mechanical motion (speed), hardness, pressure, mechanical stress, temperature, electrical quantities, optical quantities (UV-VIS, IR, NIR), time and frequency quantities, physico-chemical quantities (ozone concentration, humidity) to the extent as specified in the appendix to this Certificate.

This Certificate of Accreditation is a proof of accreditation issued on the basis of assessment of fulfillment of the accreditation criteria in accordance with

ČSN EN ISO/IEC 17025:2018

In its activities performed within the scope and for the period of validity of this Certificate, the abovementioned Accredited Body is entitled to refer to this Certificate, provided that the accreditation is not suspended and the Accredited Body meets the specified accreditation requirements in accordance with the relevant regulations applicable to the activity of an accredited conformity assessment body.

This Certificate of Accreditation replaces, to the full extent, Certificate No.: 504/2024 of 27/09/2024, and/or any administrative acts building upon it.

The Certificate of Accreditation is valid until: **07/01/2027**

Prague: 19/12/2025

Český institut pro akreditaci, o.p.s. «CAI»

Signed in the Czech original:
Gor Petrosjan on 19/12/2025

Jan Velíšek
Director of the Department
of Testing and Calibration Laboratories
Czech Accreditation Institute

This translation of the Czech original has been issued by: Eliška Frycová

Accredited entity according to ČSN EN ISO/IEC 17025:2018:

Institut pro testování a certifikaci, a. s.
CAB number 2222, Calibration Laboratory
Sokolovská 573, 686 01 Uherské Hradiště

Calibration laboratory locations:

1. **Uherské Hradiště** Sokolovská 573, 686 01 Uherské Hradiště
2. **Zlín** třída Tomáše Bati 5264, 760 01 Zlín
3. **Praha** Křelovická 970, 104 00 Praha 10 – Uhříněves
4. **Brno** Křižíkova 70, 612 00 Brno

CMC for the field of measured quantity: Length

Ord. number[1]	Calibrated quantity / Subject of calibration	Nominal range				Parameter(s) of the measurand	Lowest stated expanded mesurement uncertainty[2]	Calibration principle	Calibration procedure identification[3]	Loca-tion
		min.	unit	max.	unit					
1	Slide gauges	0 mm	to	100 mm			12 µm	Direct measurement using parallel gauge blocks	KP 1/D	1
		100 mm	to	500 mm			14 µm			
2	Depth gauges	0 mm	to	200 mm			13 µm	Direct measurement using parallel gauge blocks	KP 1/D	
3	Height gauges	0 mm	to	500 mm			14 µm	Direct measurement using parallel gauge blocks	KP 1/D	
4	Micrometers	0 mm	to	50 mm			1.6 µm	Direct measurement using parallel gauge blocks	KP 2/D	
		50 mm	to	100 mm			2.0 µm			
		100 mm	to	200 mm			3.2 µm			
5	Micrometer depth gauges	0 mm	to	100 mm			2 µm	Direct measurement using parallel gauge blocks	KP 2/D	
6	Three-contact internal gauge with a micrometer screw	0 mm	to	50 mm			1.6 µm	Direct measurement of standard measuring rings.	KP 2/D	
		50 mm	to	75 mm			1.8 µm			
		75 mm	to	100 mm			2.0 µm			
7	Three-contact internal gauge with a lever mechanism	0 mm	to	50 mm			2.1 µm	Direct measurement of standard measuring rings	KP 2/D	
		50 mm	to	75 mm			2.3 µm			
		75 mm	to	100 mm			2.5 µm			

Accredited entity according to ČSN EN ISO/IEC 17025:2018:

Institut pro testování a certifikaci, a. s.
CAB number 2222, Calibration Laboratory
Sokolovská 573, 686 01 Uherské Hradiště

Ord. number[1]	Calibrated quantity / Subject of calibration	Nominal range			Parameter(s) of the measurand	Lowest stated expanded mesurement uncertainty[2]	Calibration principle	Calibration procedure identification[3]	Loca-tion
		min. unit		max. unit					
8	Two-contact internal gauge	0 mm	to	35 mm		2.5 µm	Direct measurement of standard measuring rings	KP 2/D	
		35 mm	to	65 mm		2.6 µm			
		65 mm	to	75 mm		2.7 µm			
		75 mm	to	100 mm		2.9 µm			
9	Pasameters	0 mm	to	25 mm		0.5 µm	Direct measurement using parallel gauge blocks	KP 2/D	
		25 mm	to	50 mm		0.8 µm			
		50 mm	to	75 mm		1.2 µm			
		75 mm	to	100 mm		1.5 µm			
		100 mm	to	125 mm		1.8 µm			
		125 mm	to	150 mm		2.2 µm			
		150 mm	to	175 mm		2.5 µm			
		175 mm	to	200 mm		2.9 µm			
10	Micropasameters	0 mm	to	25 mm		2.0 µm	Direct measurement using parallel gauge blocks	KP 2/D	
		25 mm	to	50 mm		2.5 µm			
		50 mm	to	75 mm		3.2 µm			
		75 mm	to	100 mm		3.8 µm			
		100 mm	to	125 mm		4.5 µm			
		125 mm	to	150 mm		5.4 µm			
		150 mm	to	175 mm		6.1 µm			
		175 mm	to	200 mm		6.9 µm			
11	Centesimal indicators	0 mm	to	100 mm		(2·L +6) µm	Comparison with a standard length gauge	KP 3/D	
12	Millesimal indicators	0 mm	to	50 mm		(2·L +1) µm	Comparison with a standard length gauge	KP 3/D	
13	Cylindrical gauges	0 mm	to	200 mm		(3·L +0.5) µm	Direct measurement by a length gauge	KP 3/D	
14	Slot gauges, feeler gauges	0 mm	to	200 mm		(3·L +0.5) µm	Direct measurement by a length gauge	KP 3/D	

Accredited entity according to ČSN EN ISO/IEC 17025:2018:

Institut pro testování a certifikaci, a. s.
CAB number 2222, Calibration Laboratory
Sokolovská 573, 686 01 Uherské Hradiště

Ord. number[1]	Calibrated quantity / Subject of calibration	Nominal range				Parameter(s) of the measurand	Lowest stated expanded mesurement uncertainty[2]	Calibration principle	Calibration procedure identification[3]	Loca-tion
		min.	unit		max. unit					
15	Limit plug gauges	0 mm	to	200 mm			(5·L +3) µm	Direct measurement by a length gauge	KP 3/D	
16	Precision plug gauges	0 mm	to	50 mm			(1·L +0.5) µm	Direct measurement by a length gauge	KP 3/D	
17	Measuring wires	0.17 mm	to	6.35 mm			(1·L +0.5) µm	Direct measurement by a length gauge	KP 3/D	
18	Setting rings	10 mm	to	200 mm			(4·L +1.2) µm	Direct measurement by a length gauge	KP 3/D	
19	Micrometer depth gauges	0 mm	to	100 mm			2.0 µm	Direct measurement by a length gauge	KP 3/D	
20	Steel rules	0 mm	to	250 mm			0.05 mm	Direct measurement by a standard microscope	KP 4/D	
21	Rules – straightness	0 mm	to	250 mm			0.007 mm	Direct measurement by a standard microscope.	KP 4/D	
22	Thread gauges	0 mm	to	300 mm			0.01 mm	Direct measurement by a standard microscope.	KP 4/D	1
23	Radius gauges	0 mm	to	300 mm			0.01 mm	Direct measurement by a standard microscope.	KP 4/D	
24	Profile gauges	0 mm	to	300 mm			(1·L +0.5) µm	Direct measurement by a standard microscope.	KP 4/D	
25	Parallel gauge blocks	0.5 mm	to	100 mm			(2·L +0.2) µm	Comparison with standard parallel gauge blocks	KP 21/D	

[1] Asterisk at the ordinal number identifies the calibrations, which the Laboratory is qualified to carry out outside the permanent laboratory premises.

[2] The expanded measurement uncertainty is in accordance with ILAC-P14 and EA-4/02 M a part of CMC and it is the lowest value of the respective uncertainty. If not stated otherwise, its coverage probability is approx. 95 %. If not stated otherwise, the uncertainty values stated without a unit are relative to the measured value. The uncertainty value stated herein is based on the best conditions achievable by the laboratory; the uncertainty value of a specific calibration may be higher depending on the conditions of such a calibration. For identical extreme values of adjacent ranges, the lower uncertainty value always applies.

[3] If the document identifying the calibration procedure is dated only these specific procedures are used. If the document identifying the calibration procedure is not dated, the latest edition of the specified procedure is used (including any changes).

L measured length in metres

Accredited entity according to ČSN EN ISO/IEC 17025:2018:

Institut pro testování a certifikaci, a. s.
CAB number 2222, Calibration Laboratory
Sokolovská 573, 686 01 Uherské Hradiště

CMC for the field of measured quantity: Plane angle

Ord. number[1]	Calibrated quantity / Subject of calibration	Nominal range		Parameter(s) of the measurand	Lowest stated expanded mesurement uncertainty[2]	Calibration principle	Calibration procedure identification[3]	Loca-tion
		min. unit	max. unit					
1	Angles	0 ° to	180 °		2.5 ′	Direct measurement by a standard microscope.	KP 4/D	1
2	Angle gauges	0 ° to	360 °		2.5 ′	Direct measurement by a standard microscope.	KP 4/D	

[1] Asterisk at the ordinal number identifies the calibrations, which the Laboratory is qualified to carry out outside the permanent laboratory premises.

[2] The expanded measurement uncertainty is in accordance with ILAC-P14 and EA-4/02 M a part of CMC and it is the lowest value of the respective uncertainty. If not stated otherwise, its coverage probability is approx. 95 %. If not stated otherwise, the uncertainty values stated without a unit are relative to the measured value. The uncertainty value stated herein is based on the best conditions achievable by the laboratory; the uncertainty value of a specific calibration may be higher depending on the conditions of such a calibration. For identical extreme values of adjacent ranges, the lower uncertainty value always applies.

[3] If the document identifying the calibration procedure is dated only these specific procedures are used. If the document identifying the calibration procedure is not dated, the latest edition of the specified procedure is used (including any changes).

Accredited entity according to ČSN EN ISO/IEC 17025:2018:

Institut pro testování a certifikaci, a. s.
CAB number 2222, Calibration Laboratory
Sokolovská 573, 686 01 Uherské Hradiště

CMC for the field of measured quantity: Mechanical motion (speed)

Ord. number[1]	Calibrated quantity / Subject of calibration	Nominal range		Parameter(s) of the measurand	Lowest stated expanded mesurement uncertainty[2]	Calibration principle	Calibration procedure identification[3]	Loca-tion
		min. unit	max. unit					
1	Speed / analogue and digital contact and contactless, revolution counters, rpm sensors, stroboscopes.	1 min^{-1} to 10,000 min^{-1} to	10,000 min^{-1} 999,999 min^{-1}		0.006 min^{-1} 0.03 min^{-1}	Direct measurement of optical signal or direct comparison with a standard revolution counter	KP 6/F	1
		2 min^{-1} to 1,000 min^{-1} to 10,000 min^{-1} to	999.99 min^{-1} 9,999 min^{-1} 999,999 min^{-1}		0.1 min^{-1} 0.9 min^{-1} 7.0 min^{-1}	Measurement by a standard revolution counter		

[1] Asterisk at the ordinal number identifies the calibrations, which the Laboratory is qualified to carry out outside the permanent laboratory premises.

[2] The expanded measurement uncertainty is in accordance with ILAC-P14 and EA-4/02 M a part of CMC and it is the lowest value of the respective uncertainty. If not stated otherwise, its coverage probability is approx. 95 %. If not stated otherwise, the uncertainty values stated without a unit are relative to the measured value. The uncertainty value stated herein is based on the best conditions achievable by the laboratory; the uncertainty value of a specific calibration may be higher depending on the conditions of such a calibration. For identical extreme values of adjacent ranges, the lower uncertainty value always applies.

[3] If the document identifying the calibration procedure is dated only these specific procedures are used. If the document identifying the calibration procedure is not dated, the latest edition of the specified procedure is used (including any changes).

Accredited entity according to ČSN EN ISO/IEC 17025:2018:

Institut pro testování a certifikaci, a. s.
CAB number 2222, Calibration Laboratory
Sokolovská 573, 686 01 Uherské Hradiště

CMC for the field of measured quantity: Hardness

Ord. number[1]	Calibrated quantity / Subject of calibration	Nominal range				Parameter(s) of the measurand	Lowest stated expanded mesurement uncertainty[2]	Calibration principle	Calibration procedure identification[3]	Location
		min.	unit	max.	unit					
1	Hardness tester Shore A	1	Shore A	to 100	Shore A	Spring force 31 mN	0.3 Shore A	Direct measurement of force on a calibrator and measurement of tip geometry using an image analyzer	KP 1/H	2
2	Hardness tester Shore C	1	Shore C	to 100	Shore C	Spring force 71 mN	0.3 Shore C	Direct measurement of force on a calibrator and measurement of tip geometry using an image analyzer	KP 1/H	
3	Hardness tester Shore D	1	Shore D	to 100	Shore D	Spring force 71 mN	0.3 Shore D	Direct measurement of force on a calibrator and measurement of tip geometry using an image analyzer	KP 1/H	
4	Hardness tester IRHD/N	10	IRHD	to 100	IRHD		0.6 IRHD	Direct measurement of force on a calibrator and measurement of tip geometry using an image analyzer	KP 2/H	
5	Hardness tester IRHD/m	10	IRHD	to 100	IRHD		1.1 IRHD	Direct measurement of force on a calibrator and measurement of tip geometry using an image analyzer	KP 2/H	

[1] Asterisk at the ordinal number identifies the calibrations, which the Laboratory is qualified to carry out outside the permanent laboratory premises.

[2] The expanded measurement uncertainty is in accordance with ILAC-P14 and EA-4/02 M a part of CMC and it is the lowest value of the respective uncertainty. If not stated otherwise, its coverage probability is approx. 95 %. If not stated otherwise, the uncertainty values stated without a unit are relative to the measured value. The uncertainty value stated herein is based on the best conditions achievable by the laboratory; the uncertainty value of a specific calibration may be higher depending on the conditions of such a calibration. For identical extreme values of adjacent ranges, the lower uncertainty value always applies.

[3] If the document identifying the calibration procedure is dated only these specific procedures are used. If the document identifying the calibration procedure is not dated, the latest edition of the specified procedure is used (including any changes).

Accredited entity according to ČSN EN ISO/IEC 17025:2018:

Institut pro testování a certifikaci, a. s.
CAB number 2222, Calibration Laboratory
Sokolovská 573, 686 01 Uherské Hradiště

CMC for the field of measured quantity: Pressure, mechanical stress

Ord. number[1]	Calibrated quantity / Subject of calibration	Nominal range min.	unit		Nominal range max.	unit	Parameter(s) of the measurand		Lowest stated expanded mesurement uncertainty[2]	Calibration principle	Calibration procedure identification[3]	Loca-tion
1	Deformation pressure gauges	0	kPa	to	10	kPa	Overpressure	gas	0.015 % + 0.058 kPa	Comparison with a standard digital manometer	KP 1/P	1
		10	kPa	to	400	kPa			0.046 % + 0.07 kPa			
		0.4	MPa	to	2	MPa			0.046 % + 0.18 kPa			
		2	MPa	to	6	MPa			0.015 % + 0.42 kPa			
		0	kPa	to	95	kPa	Underpressure	gas	0.046 % + 0.07 kPa			
		70	kPa	to	130	kPa	Absolute pressure	gas[4]	0.015 % + 0.12 kPa			
		130	kPa	to	520	kPa			0.046 % + 0.13 kPa			
		0.52	MPa	to	2.12	MPa			0.046 % + 0.21 kPa			
		2.12	MPa	to	6	MPa			0.015 % + 0.44 kPa			
		6	MPa	to	16	MPa	Overpressure, absolute pressure	gas, liquid[4]	0.015 % + 1.2 kPa			
		16	MPa	to	60	MPa	Overpressure, absolute pressure	liquid[4]	0.046 % + 11 kPa			
		60	MPa	to	100	MPa			0.012 % + 8.3 kPa			
		70	kPa	to	120	kPa	Barometric pressure		0.082 kPa			
2*	Pressure converters	0	kPa	to	10	kPa	Overpressure	gas	0.015 % + 0.0018 kPa	Comparison with a standard digital manometer	KP 2/P	
		10	kPa	to	400	kPa			0.048 % + 0.035 kPa			
		0.4	MPa	to	2	MPa			0.048 % + 0.12 kPa			
		2	MPa	to	6	MPa			0.015 % + 0.35 kPa			
		0	kPa	to	95	kPa	Underpressure	gas	0.048 % + 0.035 kPa			
		70	kPa	to	130	kPa	Absolute pressure	gas[4]	0.015 % + 0.1 kPa			
		130	kPa	to	520	kPa			0.048 % + 0.11 kPa			
		0.52	MPa	to	2.12	MPa			0.048 % + 0.16 kPa			
		2.12	MPa	to	6	MPa			0.015 % + 0.36 kPa			

Accredited entity according to ČSN EN ISO/IEC 17025:2018:

Institut pro testování a certifikaci, a. s.
CAB number 2222, Calibration Laboratory
Sokolovská 573, 686 01 Uherské Hradiště

Ord. number[1]	Calibrated quantity / Subject of calibration	Nominal range min. unit		max. unit	Parameter(s) of the measurand		Lowest stated expanded mesurement uncertainty[2]	Calibration principle	Calibration procedure identification[3]	Loca-tion
		6 MPa	to	16 MPa	Overpressure, absolute pressure	gas, liquid[4]	0.015 % + 0.93 kPa			
		16 MPa	to	60 MPa	Overpressure, absolute pressure	liquid[4]	0.048 % + 11 kPa			
		60 MPa	to	100 MPa			0.012 % + 8.1 kPa			
		70 kPa	to	120 kPa	Barometric pressure		0.12 %			
3*	Digital manometers	0 kPa	to	10 kPa	Overpressure	gas	0.015 % + 0.0018 kPa	Comparison with a standard digital manometer	KP 3/P	
		10 kPa	to	400 kPa			0.046 % + 0.039 kPa			
		0.4 MPa	to	2 MPa			0.046 % + 0.14 kPa			
		2 MPa	to	6 MPa			0.015 % + 0.36 kPa			
		0 kPa	to	95 kPa	Underpressure	gas	0.046 % + 0.039 kPa			
		70 kPa	to	130 kPa	Absolute pressure	gas[4]	0.015 % + 0.1 kPa			
		130 kPa	to	520 kPa			0.046 % + 0.11 kPa			
		0.52 MPa	to	2.12 MPa			0.046 % + 0.17 kPa			
		2.12 MPa	to	6 MPa			0.015 % + 0.37 kPa			
		6 MPa	to	16 MPa	Overpressure, absolute pressure	gas, liquid[4]	0.015 % + 0.98 kPa			
		16 MPa	to	60 MPa	Overpressure, absolute pressure	liquid[4]	0.046 % + 0.11 kPa			
		60 MPa	to	100 MPa			0.012 % + 8.2 kPa			
		70 kPa	to	120 kPa	Barometric pressure		0.058 kPa			

[1] Asterisk at the ordinal number identifies the calibrations, which the Laboratory is qualified to carry out outside the permanent laboratory premises.

[2] The expanded measurement uncertainty is in accordance with ILAC-P14 and EA-4/02 M a part of CMC and it is the lowest value of the respective uncertainty. If not stated otherwise, its coverage probability is approx. 95 %. If not stated otherwise, the uncertainty values stated without a unit are relative to the measured value. The uncertainty value stated herein is based on the best conditions achievable by the laboratory; the uncertainty value of a specific calibration may be higher depending on the conditions of such a calibration. For identical extreme values of adjacent ranges, the lower uncertainty value always applies.

[3] If the document identifying the calibration procedure is dated only these specific procedures are used. If the document identifying the calibration procedure is not dated, the latest edition of the specified procedure is used (including any changes).

[4] The resulting pressure is the sum of relative and barometric pressure. The resulting uncertainty is the combination of relative and barometric pressure uncertainty.

Accredited entity according to ČSN EN ISO/IEC 17025:2018:

Institut pro testování a certifikaci, a. s.
CAB number 2222, Calibration Laboratory
Sokolovská 573, 686 01 Uherské Hradiště

CMC for the field of measured quantity: Temperature

Ord. number[1]	Calibrated quantity / Subject of calibration	Nominal range				Parameter(s) of the measurand	Lowest stated expanded mesurement uncertainty[2]	Calibration principle	Calibration procedure identification[3]	Location
		min.	unit	max.	unit					
1*	Thermocouples	-40 °C	to	0 °C			0.6 °C	Comparison with a standard resistance sensor in liquid bath.	KP 1/T	1, 4
				0 °C			0.6 °C	Comparison with a standard resistance sensor in dry block.		
		0 °C	to	100 °C			0.6 °C			
		100 °C	to	250 °C			0.7 °C			
		250 °C	to	600 °C			0.8 °C			
		600 °C	to	800 °C			1.5 °C	Comparison with a standard thermoelectric sensor in a horizontal oven		
		800 °C	to	1,200 °C			2.2 °C			
2*	Resistance temperature sensors, resistance temperature sensors with a transducer	-40 °C	to	0 °C			0.07 °C	Comparison with a reference resistance sensor in a liquid bath or dry block	KP 2/T	4
				0 °C			0.05 °C			
		0 °C	to	100 °C			0.08 °C			
		100 °C	to	250 °C			0.10 °C			
		250 °C	to	350 °C			0.43 °C	Comparison with a standard resistance sensor in dry block		
		350 °C	to	600 °C			0.62 °C			
3*	Glass thermometers	-40 °C	to	0 °C			0.20 °C	Comparison with a standard resistance sensor in liquid bath	KP 3/T	1, 4
				0 °C			0.05 °C			
		0 °C	to	100 °C			0.14 °C			
		100 °C	to	250 °C			0.15 °C			
		250 °C	to	300 °C			0.30 °C			

Accredited entity according to ČSN EN ISO/IEC 17025:2018:

Institut pro testování a certifikaci, a. s.
CAB number 2222, Calibration Laboratory
Sokolovská 573, 686 01 Uherské Hradiště

Ord. num-ber[1]	Calibrated quantity / Subject of calibration	Nominal range				Parameter(s) of the measurand	Lowest stated expanded mesurement uncertainty[2]	Calibration principle	Calibration procedure identification[3]	Loca-tion
		min.	unit	max.	unit					
4*	Direct-indicating thermometers	-80 °C	to	-40 °C			0.3 °C	Comparison with a reference direct indicating temperature sensor in an electrical vertical furnace	KP 4/T	1, 4
		-40 °C	to	0 °C			0.07 °C			
				0 °C			0.06 °C			
		0 °C	to	100 °C			0.09 °C			
		100 °C	to	250 °C			0.10 °C			
		250 °C	to	350 °C			0.44 °C	Comparison with a standard resistance sensor in dry block		
		350 °C	to	600 °C			0.62 °C			
		600 °C	to	800 °C			1.6 °C	Comparison with a standard thermoelectric sensor in a horizontal oven		
		800 °C	to	1,200 °C			2.2 °C			
5*	Controllers and indicators							Simulation of thermoelectric temperature sensors using DC voltage	KP 5/T	1, 4
		-270 °C	to	0 °C		Type K	0.3 °C			
		0 °C	to	1,370 °C		Type K	0.3 °C			
		-50 °C	to	0 °C		Type S	0.9 °C			
		0 °C	to	1,780 °C		Type S	0.6 °C			
		200 °C	to	500 °C		Type B	1.5 °C			
		500 °C	to	1,820 °C		Type B	0.6 °C			
		0 °C	to	1,768 °C		Type R	0.6 °C			
		-210 °C	to	0 °C		Type J	0.2 °C			
		0 °C	to	1,200 °C		Type J	0.2 °C			
		-270 °C	to	0 °C		Type N	0.2 °C			
		0 °C	to	1,300 °C		Type N	0.2 °C			
								Simulation of resistance temperature sensors using DC electrical resistors		
		-200 °C	to	-50 °C		RTD	0.05 °C			
		-50 °C	to	850 °C		RTD	0.05 °C			
6*	Non-contact thermometers	-30 °C	to	23 °C			2.2 °C	Direct measurement on a black body, comparison with a standard contactless thermometer.	KP 6/T	1, 4

Accredited entity according to ČSN EN ISO/IEC 17025:2018:

Institut pro testování a certifikaci, a. s.
CAB number 2222, Calibration Laboratory
Sokolovská 573, 686 01 Uherské Hradiště

Ord. number[1]	Calibrated quantity / Subject of calibration	Nominal range				Parameter(s) of the measurand	Lowest stated expanded mesurement uncertainty[2]	Calibration principle	Calibration procedure identification[3]	Location
		min.	unit		max. unit					
		23 °C	to	150 °C			2.1 °C			
		150 °C	to	250 °C			2.2 °C			
		250 °C	to	350 °C			2.5 °C			
		350 °C	to	500 °C			3.0 °C			
7*	Direct-indicating thermometers integrated in conditioning and thermal chambers and baths							Comparison with a standard digital thermometer in a chamber (characterisation)	KP 22/T	1, 4
		-80 °C	to	250 °C			1.0 °C			
		250 °C	to	600 °C			1.1 °C			
		600 °C	to	700 °C			1.7 °C			
		700 °C	to	850 °C			1.9 °C			
		850 °C	to	1,200 °C			2.9 °C			
8*	Direct-indicating thermometers and temperature measuring chains integrated in conditioning and thermal chambers and baths							Comparison with a standard digital thermometer in a chamber (characterisation according to the standard AMS 2750)	KP 21/T	1
		-20 °C	to	250 °C			1.0 °C			
		250 °C	to	600 °C			1.1 °C			
		600 °C	to	700 °C			1.7 °C			
		700 °C	to	850 °C			1.9 °C			
		850 °C	to	1,000 °C			2.9 °C			
9*	Temperature controllers and indicators of conditioning and thermal chambers and baths							Simulation of thermoelectric temperature sensors using DC voltage (characterisation according to the standard AMS 2750)	KP 21/T	1
		-20 °C	to	1,370 °C		Type K	0.3 °C			
		-20 °C	to	1,300 °C		Type N	0.2 °C			
		0 °C	to	1,780 °C		Type S	0.6 °C			
		200 °C	to	500 °C		Type B	1.5 °C			
		500 °C	to	1,800 °C		Type B	0.6 °C			

[1] Asterisk at the ordinal number identifies the calibrations, which the Laboratory is qualified to carry out outside the permanent laboratory premises.

Accredited entity according to ČSN EN ISO/IEC 17025:2018:

Institut pro testování a certifikaci, a. s.
CAB number 2222, Calibration Laboratory
Sokolovská 573, 686 01 Uherské Hradiště

[2] The expanded measurement uncertainty is in accordance with ILAC-P14 and EA-4/02 M a part of CMC and it is the lowest value of the respective uncertainty. If not stated otherwise, its coverage probability is approx. 95 %. If not stated otherwise, the uncertainty values stated without a unit are relative to the measured value. The uncertainty value stated herein is based on the best conditions achievable by the laboratory; the uncertainty value of a specific calibration may be higher depending on the conditions of such a calibration. For identical extreme values of adjacent ranges, the lower uncertainty value always applies.

[3] If the document identifying the calibration procedure is dated only these specific procedures are used. If the document identifying the calibration procedure is not dated, the latest edition of the specified procedure is used (including any changes).

Accredited entity according to ČSN EN ISO/IEC 17025:2018:

Institut pro testování a certifikaci, a. s.
CAB number 2222, Calibration Laboratory
Sokolovská 573, 686 01 Uherské Hradiště

CMC for the field of measured quantity: Air humidity

Ord. number [1]	Calibrated quantity / Subject of calibration	Nominal range				Parameter(s) of the measurand	Lowest stated expanded measurement uncertainty[2]	Calibration principle	Calibration procedure identification[3]	Location
		min	unit	max	unit					
1*	Relative humidity/humidity meters	5 % RH	to	70 % RH		(20 to 50) °C	2.2 % RH	Direct comparison with a reference hygrometer in a climatic chamber	KP 1/V	1
		70 % RH	to	95 % RH		(20 to 50) °C	3.2 % RH			

[1] Asterisk at the ordinal number identifies the calibrations, which the Laboratory is qualified to carry out outside the permanent laboratory premises.

[2] The expanded measurement uncertainty is in accordance with ILAC-P14 and EA-4/02 M a part of CMC and it is the lowest value of the respective uncertainty. If not stated otherwise, its coverage probability is approx. 95 %. If not stated otherwise, the uncertainty values stated without a unit are relative to the measured value. The uncertainty value stated herein is based on the best conditions achievable by the laboratory; the uncertainty value of a specific calibration may be higher depending on the conditions of such a calibration. For identical extreme values of adjacent ranges, the lower uncertainty value always applies.

[3] If the document identifying the calibration procedure is dated only these specific procedures are used. If the document identifying the calibration procedure is not dated, the latest edition of the specified procedure is used (including any changes).

Accredited entity according to ČSN EN ISO/IEC 17025:2018:

Institut pro testování a certifikaci, a. s.
CAB number 2222, Calibration Laboratory
Sokolovská 573, 686 01 Uherské Hradiště

CMC for the field of measured quantity: Electrical quantities

Ord. number[1]	Calibrated quantity / Subject of calibration	Nominal range min.	unit		Nominal range max.	unit	Parameter(s) of the measurand	Lowest stated expanded mesurement uncertainty[2]	Calibration principle	Calibration procedure identification[3]	Location
1*	Direct-current voltage/ direct-current voltage meters (digital and analogue multimeters, voltmeters, oscilloscopes, testing and inspection instruments and their parts)	0	mV	to	1	mV		1.3 µV	Voltage generation by a standard calibrator	KP 1/E, KP 2/E, KP 3/E, KP 18/E	1
		1	mV	to	20	mV		1.7 µV			
		20	mV	to	100	mV		2.1 µV			
		100	mV	to	200	mV		3.4 µV			
		200	mV	to	500	mV		0.5 µV			
		500	mV	to	900	mV		0.0011 %			
		0.9	V	to	1.5	V		0.0009 %			
		1.5	V	to	2	V		0.0008 %			
		2	V	to	4	V		0.0007 %			
		4	V	to	10	V		0.00055 %			
		10	V	to	20	V		0.00051 %			
		20	V	to	40	V		0.0011 %			
		40	V	to	100	V		0.000 94 %			
		100	V	to	200	V		0.000 82 %			
		200	V	to	400	V		0.0014 %			
		400	V	to	1,100	V		0.0013 %			
		1,100	V	to	6,000	V		0.6 %			

Accredited entity according to ČSN EN ISO/IEC 17025:2018:

Institut pro testování a certifikaci, a. s.
CAB number 2222, Calibration Laboratory
Sokolovská 573, 686 01 Uherské Hradiště

Ord. number[1]	Calibrated quantity / Subject of calibration	Nominal range min.	unit		max.	unit	Parameter(s) of the measurand	Lowest stated expanded mesurement uncertainty[2]	Calibration principle	Calibration procedure identification[3]	Location
2*	Direct-current voltage / direct-current voltage sources and calibrators, multifunction calibrators, testing and inspection instruments and their parts, high voltage testers.	0	mV	to	120	mV		0.00096 % + 0.71 µV	Direct measurement by a standard multimeter	KP 8/E	1
		120	mV	to	1,200	mV		0.00072 % + 4.6 µV			
		1.2	V	to	12	V		0.00060 % + 4.6 µV			
		12	V	to	120	V		0.00088 % + 29 µV			
		120	V	to	1,100	V		0.00098 % + 82 µV			
		1,100	V	to	15	kV		0.6 %	Measurement by a standard multimeter with a HV probe		
3*	Direct current / direct-current meters (digital and analogue multimeters, ammeters, testing and inspection instruments and their parts, current probes).	0	µA	to	2	µA		3.8 nA	Current generation by a standard calibrator	KP 1/E, KP 2/E, KP 3/E	1
		2	µA	to	10	µA		4.5 nA			
		10	µA	to	20	µA		5.5 nA			
		20	µA	to	40	µA		0.027 %			
		40	µA	to	100	µA		0.019 %			
		100	µA	to	200	µA		0.015 %			
		200	µA	to	200	mA		0.011 %			
		200	mA	to	400	mA		0.027 %			
		400	mA	to	1	A		0.019 %			
		1	A	to	2	A		0.015 %			
		2	A	to	3	A		0.045 %			

Accredited entity according to ČSN EN ISO/IEC 17025:2018:

Institut pro testování a certifikaci, a. s.
CAB number 2222, Calibration Laboratory
Sokolovská 573, 686 01 Uherské Hradiště

Ord. number[1]	Calibrated quantity / Subject of calibration	Nominal range min.	unit		max.	unit	Parameter(s) of the measurand	Lowest stated expanded mesurement uncertainty[2]	Calibration principle	Calibration procedure identification[3]	Location
		3 A	to		4 A			0.038 %	Comparison with current measured by a standard shunt with multimeter		
		4 A	to		30 A			0.035 %			
		30 A	to		50 A			0.15 %			
		50 A	to		100 A			0.28 %			
	Direct current/ clamp ammeters and multimeters, clamp current probes.	1 A	to		5 A			0.2 %	Current generation by a standard calibrator		
		5 A	to		750 A			0.13 %	Simulation of reference current using calibrator and current coil		
4*	Direct current / current sources, testing and inspection instruments and their parts.	0 µA	to		12 µA			0.0045 % + 6.0 nA	Direct measurement by a standard multimeter	KP 1/E, KP 2/E, KP 3/E	1
		12 µA	to		120 µA			0.0050 % + 6.7 nA			
		120 µA	to		1.2 mA			0.0050 % + 4.5 nA			
		1.2 mA	to		12 mA			0.0044 % + 0.045 µA			
		12 mA	to		120 mA			0.0065 % + 0.45 µA			
		120 mA	to		1.05 A			0.016 % + 9.8 µA			
		1.05 A	to		12 A			0.0073 % + 25 µA	Indirect measurement using a standard shunt and multimeter	KP 8/E	
		12 A	to		20 A			0.0058 % + 4 µA			
		20 A	to		50 A			0.042 % + 61 µA			
		50 A	to		100 A			0.047 %			

Accredited entity according to ČSN EN ISO/IEC 17025:2018:

Institut pro testování a certifikaci, a. s.
CAB number 2222, Calibration Laboratory
Sokolovská 573, 686 01 Uherské Hradiště

Ord. number[1]	Calibrated quantity / Subject of calibration	Nominal range min.	unit		max.	unit	Parameter(s) of the measurand	Lowest stated expanded mesurement uncertainty[2]	Calibration principle	Calibration procedure identification[3]	Location
	Direct current / current sources								Direct measurement by a standard clamp multimeter	KP 8/E	
		1	A	to	40	A		3.8 %			
		40	A	to	100	A		5 %			
		100	A	to	250	A		4 %			
		250	A	to	400	A		2.5 %			
		400	A	to	1,000	A		2 %			
5*	Alternating-current voltage/ analogue multimeters, voltmeters, oscilloscopes, testing and inspection instruments and their parts	0.1	mV	to	1	mV	10 Hz to 100 kHz	8 µV	Voltage generation by a standard calibrator	KP 1/E, KP 2/E, KP 3/E, KP 18/E	1
							100 kHz to 300 kHz	18 µV			
							300 kHz to 1 MHz	34 µV			
		1	mV	to	10	mV	10 Hz to 100 kHz	15 µV			
							100 kHz to 300 kHz	30 µV			
							300 kHz to 1 MHz	70 µV			
		10	mV	to	20	mV	10 Hz to 30 kHz	13µV			
							30 kHz to 100 kHz	18 µV			
							100 kHz to 300 kHz	45 µV			
							300 kHz to 1 MHz	110 µV			
		20	mV	to	40	mV	10 Hz to 30 kHz	17 µV			
							30 kHz to 100 kHz	29 µV			
							100 kHz to 300 kHz	75 µV			
							300 kHz to 1 MHz	270 µV			
		40	mV	to	200	mV	10 Hz to 30 kHz	0.045 %			
							30 kHz to 100 kHz	0.075 %			
							100 kHz to 300 kHz	0.2 %			
							300 kHz to 1 MHz	0.7 %			

Accredited entity according to ČSN EN ISO/IEC 17025:2018:

Institut pro testování a certifikaci, a. s.
CAB number 2222, Calibration Laboratory
Sokolovská 573, 686 01 Uherské Hradiště

Ord. number[1]	Calibrated quantity / Subject of calibration	Nominal range				Parameter(s) of the measurand	Lowest stated expanded mesurement uncertainty[2]	Calibration principle	Calibration procedure identification[3]	Location
		min.	unit		max. unit					
		200 mV	to	400 mV		10 Hz to 300 Hz	0.04 %			
						300 Hz to 30 kHz	0.03 %			
						30 kHz to 100 kHz	0.04 %			
						100 kHz to 300 kHz	0.1 %			
						300 kHz to 1 MHz	0.55 %			
		0.4 V	to	1 V		10 Hz to 300 Hz	0.022 %			
						300 Hz to 30 kHz	0.016 %			
						30 kHz to 100 kHz	0.025 %			
						100 kHz to 300 kHz	0.07 %			
						300 kHz to 1 MHz	0.47 %			
		1 V	to	2 V		10 Hz to 300 Hz	0.015 %			
						300 Hz to 30 kHz	0.01 %			
						30 kHz to 100 kHz	0.02 %			
						100 kHz to 300 kHz	0.05 %			
						300 kHz to 1 MHz	0.43 %			
		2 V	to	4 V		10 Hz to 300 Hz	0.03 %			
						300 Hz to 30 kHz	0.02 %			
						30 kHz to 100 kHz	0.03 %			
						100 kHz to 300 kHz	0.11 %			
						300 kHz to 1 MHz	0.55 %			
		4 V	to	10 V		10 Hz to 300 Hz	0.02 %			
						300 Hz to 30 kHz	0.013 %			
						30 kHz to 100 kHz	0.02 %			
						100 kHz to 300 kHz	0.086 %			
						300 kHz to 1 MHz	0.47 %			
		10 V	to	20 V		10 Hz to 300 Hz	0.015 %			
						300 Hz to 30 kHz	0.01 %			
						30 kHz to 100 kHz	0.015 %			

Accredited entity according to ČSN EN ISO/IEC 17025:2018:

Institut pro testování a certifikaci, a. s.
CAB number 2222, Calibration Laboratory
Sokolovská 573, 686 01 Uherské Hradiště

Ord. number[1]	Calibrated quantity / Subject of calibration	Nominal range				Parameter(s) of the measurand	Lowest stated expanded mesurement uncertainty[2]	Calibration principle	Calibration procedure identification[3]	Location
		min.	unit	max.	unit					
						100 kHz to 300 kHz	0.075 %			
						300 kHz to 1 MHz	0.42 %			
		20 V	to	40 V		10 Hz to 300 Hz	0.03 %			
						300 Hz to 30 kHz	0.019 %			
						30 kHz to 100 kHz	0.035 %			
						100 kHz to 300 kHz	0.11 %			
						300 kHz to 1 MHz	0.15 %			
		40 V	to	100 V		10 Hz to 300 Hz	0.022 %			
						300 Hz to 10 kHz	0.01 %			
						10 kHz to 30 kHz	0.014 %			
						30 kHz to 100 kHz	0.03 %			
						100 kHz to 200 kHz	0.08 %			
		100 V	to	200 V		10 Hz to 300 Hz	0.02 %			
						300 Hz to 30 kHz	0.01 %			
						30 kHz to 100 kHz	0.023 %			
						100 kHz to 200 kHz	0.065 %			
		200 V	to	750 V		45 Hz to 300 Hz	0.03 %			
						300 Hz to 10 kHz	0.025 %			
						10 kHz to 30 kHz	0.03 %			
						30 kHz to 100 kHz	0.15 %			
		750 V	to	1,100 V		45 Hz to 300 Hz	0.027 %			
						300 Hz to 10 kHz	0.022 %			
						10 kHz to 30 kHz	0.025 %			
		1,100 V	to	5,000 V		40 Hz to 100 Hz	2 %	Comparison with a standard multimeter with a HV probe		

Accredited entity according to ČSN EN ISO/IEC 17025:2018:

Institut pro testování a certifikaci, a. s.
CAB number 2222, Calibration Laboratory
Sokolovská 573, 686 01 Uherské Hradiště

Ord. number[1]	Calibrated quantity / Subject of calibration	Nominal range				Parameter(s) of the measurand	Lowest stated expanded mesurement uncertainty[2]	Calibration principle	Calibration procedure identification[3]	Location
		min.	unit	max.	unit					
6*	Alternating-current voltage / voltage sources and calibrators, multifunction calibrators, testing and inspection instruments and their parts, high voltage testers	0.1 mV	to	12 mV		1 Hz to 40 Hz	0.062 % + 3,5 µV	Direct measurement by a standard multimeter	KP 8/E	1
						40 Hz to 1,000 Hz	0.048 % + 1,4 µV			
						1 kHz to 20 kHz	0.048 % + 1,4 µV			
						20 kHz to 50 kHz	0.13 % + 1,4 µV			
						50 kHz to 100 kHz	0.6 % + 1,4 µV			
						100 kHz to 300 kHz	4.7 % + 2,4 µV			
		12 mV	to	120 mV		1 Hz to 40 Hz	0.036 % + 2,8 µV			
						40 Hz to 1,000 Hz	0.017 % + 1.7 µV			
						1 kHz to 20 kHz	0.017 % + 1.7 µV			
						20 kHz to 50 kHz	0.038 % + 1.7 µV			
						50 kHz to 100 kHz	0.13 % + 1.9 µV			
						100 kHz to 300 kHz	0.37 % + 12 µV			
						300 kHz to 1 MHz	1.2 % + 11 µV			
		120 mV	to	1.2 V		1 Hz to 40 Hz	0.028 % + 32 µV			
						40 Hz to 1,000 Hz	0.01 % + 22 µV			
						1 kHz to 20 kHz	0.01 % + 22 µV			
						20 kHz to 50 kHz	0.035 % + 22 µV			
						50 kHz to 100 kHz	0.093 % + 23 µV			
						100 kHz to 300 kHz	0.35 % + 120 µV			
						300 kHz to 1 MHz	1.2 % + 80 µV			
		1.2 V	to	12 V		1 Hz to 40 Hz	0.028 % + 320 µV			
						40 Hz to 1,000 Hz	0.0093 % + 220 µV			
						1 kHz to 20 kHz	0.0093 % + 220 µV			
						20 kHz to 50 kHz	0.035 % + 220 µV			

Accredited entity according to ČSN EN ISO/IEC 17025:2018:

Institut pro testování a certifikaci, a. s.
CAB number 2222, Calibration Laboratory
Sokolovská 573, 686 01 Uherské Hradiště

Ord. number[1]	Calibrated quantity / Subject of calibration	Nominal range				Parameter(s) of the measurand		Lowest stated expanded mesurement uncertainty[2]	Calibration principle	Calibration procedure identification[3]	Location
		min.	unit	max.	unit						
						50 kHz to 100 kHz		0.093 % + 230 µV			
						100 kHz to 300 kHz		0.35 % + 1.2 mV			
						300 kHz to 1 MHz		1.2 % + 0.77 mV			
		12 V	to	120 V		1 Hz to 40 Hz		0.036 % + 3.8 mV			
						40 Hz to 1,000 Hz		0.024 % + 2.2 mV			
						1 kHz to 20 kHz		0.024 % + 2.2 mV			
						20 kHz to 50 kHz		0.041 % + 2.2 mV			
						50 kHz to 100 kHz		0.14 % + 2.3 mV			
						100 kHz to 300 kHz		0.47 % + 12 mV			
						300 kHz to 1 MHz		1.2 % + 16 mV			
		120 V	to	700 V		1 Hz to 40 Hz		0.047 % + 46 mV			
						40 Hz to 1,000 Hz		0.047 % + 23 mV			
						1 kHz to 20 kHz		0.047 % + 23 mV			
						20 kHz to 50 kHz		0.014 % + 23 mV			
						50 kHz to 100 kHz		0.24 % + 23 mV			
		1,100 V	to	11 kV		40 Hz to 100 Hz		2 %	Measurement by a standard multimeter with a HV probe	KP 8/E	
7*	Alternating-current voltage, peak and peak-to-peak value of periodic non-harmonic signals / sources of non-harmonic and pulse signals, pulse testers					Bandwidth:	Impedance:		Measurement by a standard oscilloscope[5]	KP 8/E	1
		10 mV	to	5 V		1 Hz to 300 kHz,	Z = 50 Ω	1.8 %			
						300 kHz to 2 GHz		4.0 %			
		5 V	to	38 V		1 Hz to 300 kHz,	Z = 50 Ω	2.9 %			
						300 kHz to 1 GHz		4.5 %			

Accredited entity according to ČSN EN ISO/IEC 17025:2018:

Institut pro testování a certifikaci, a. s.
CAB number 2222, Calibration Laboratory
Sokolovská 573, 686 01 Uherské Hradiště

Ord. num-ber[1]	Calibrated quantity / Subject of calibration	Nominal range				Parameter(s) of the measurand		Lowest stated expanded mesurement uncertainty[2]	Calibration principle	Calibration procedure identification[3]	Loca-tion
		min.	unit		max. unit						
		10 mV	to	40 V		1 Hz to 300 kHz,	Z = 1 MΩ	1.8 %			
						300 kHz to 400 MHz		4.0 %			
		40 V	to	400 V		1 Hz to 400 MHz	Z = 10 MΩ	4.5 %			
		40 V	to	1,000 V		1 Hz to 400 MHz	Z = 66.7 MΩ	4.5 %			
8*	Pulse amplitude, peak and peak-to-peak value of voltage / sources of non-harmonic and pulse signals, pulse testers						rise time		Measurement by a standard oscilloscope with a voltage probe	KP 8/E	1
		10 mV	to	40 V		Z = 1 MΩ	>1.3 ns	4.0 %			
		10 V	to	5,000 V		Z = 50 kΩ	>140 ns	5.6 %			
		10 V	to	5,000 V		Z = 1 kΩ	>4.2 ns	5.0 %			
		1 V	to	5,000 V		Z = 50 Ω	>3.5 ns	4.9 %			
9*	Alternating current, peak and peak-to-peak value / sources of non-harmonic and pulse signals, pulse testers								Measurement by a standard oscilloscope with a shunt or clamp probe	KP 8/E	1
		100 mA	to	1.5 A		1 Hz to 20 kHz		2.7 %			
		1.5 A	to	15 A		1 Hz to 20 kHz		2.4 %			
		1 A	to	2,500 A		rise time >140 ns		4.9 %	Measurement by a standard oscilloscope with a current shunt		
10*	Alternating current / digital, analogue multimeters and ammeters, testing and inspection instruments and their parts, current probes								Current generation by a standard calibrator	KP 1/E, KP 2/E, KP 3/E	1
		1 µA	to	10 µA		10 Hz to 1 kHz		0.015 µA			
						1 kHz to 5 kHz		0.02 µA			
		10 µA	to	50 µA		10 Hz to 1 kHz		0.025 µA			
						1 kHz to 5 kHz		0.035 µA			

Accredited entity according to ČSN EN ISO/IEC 17025:2018:

Institut pro testování a certifikaci, a. s.
CAB number 2222, Calibration Laboratory
Sokolovská 573, 686 01 Uherské Hradiště

Ord. number[1]	Calibrated quantity / Subject of calibration	Nominal range min. unit		Nominal range max. unit	Parameter(s) of the measurand	Lowest stated expanded mesurement uncertainty[2]	Calibration principle	Calibration procedure identification[3]	Location
		50 µA	to	100 µA	10 Hz to 1 kHz 1 kHz to 5 kHz	0.035 µA 0.06 µA			
		100 µA	to	200 µA	10 Hz to 1 kHz 1 kHz to 5 kHz	0.035 % 0.06 %			
		200 µA	to	400 µA	10 Hz to 1 kHz 1 kHz to 5 kHz	0.071 % 0.083 %			
		400 µA	to	800 µA	10 Hz to 1 kHz 1 kHz to 5 kHz	0.045 % 0.06 %			
		800 µA	to	2 mA	10 Hz to 1 kHz 1 kHz to 5 kHz	0.03 % 0.045 %			
		2 mA	to	3 mA	10 Hz to 1 kHz 1 kHz to 5 kHz	0.075 % 0.085 %			
		3 mA	to	4 mA	10 Hz to 1 kHz 1 kHz to 5 kHz	0.055 % 0.065 %			
		4 mA	to	8 mA	10 Hz to 1 kHz 1 kHz to 5 kHz	0.045 % 0.06 %			
		8 mA	to	20 mA	10 Hz to 1 kHz 1 kHz to 5 kHz	0.033 % 0.045 %			
		20 mA	to	30 mA	10 Hz to 1 kHz 1 kHz to 5 kHz	0.075 % 0.085 %			
		30 mA	to	40 mA	10 Hz to 1 kHz 1 kHz to 5 kHz	0.055 % 0.065 %			
		40 mA	to	80 mA	10 Hz to 1 kHz 1 kHz to 5 kHz	0.045 % 0.055 %			
		80 mA	to	200 mA	10 Hz to 1 kHz 1 kHz to 5 kHz	0.03 % 0.045 %			
		200 mA	to	300 mA	10 Hz to 1 kHz 1 kHz to 5 kHz	0.15 % 2 %			

Accredited entity according to ČSN EN ISO/IEC 17025:2018:

Institut pro testování a certifikaci, a. s.
CAB number 2222, Calibration Laboratory
Sokolovská 573, 686 01 Uherské Hradiště

Ord. number[1]	Calibrated quantity / Subject of calibration	Nominal range min.	unit		Nominal range max.	unit	Parameter(s) of the measurand	Lowest stated expanded mesurement uncertainty[2]	Calibration principle	Calibration procedure identification[3]	Location
		300	mA	to	800	mA	10 Hz to 1 kHz	0.1 %			
							1 kHz to 5 kHz	0.15 %			
		800	mA	to	2,000	mA	10 Hz to 1 kHz	0.06 %			
							1 kHz to 5 kHz	0.11 %			
		2	A	to	4	A	10 Hz to 1 kHz	0.1 %			
							1 kHz to 5 kHz	0.2 %			
							5 kHz to 10 kHz	0.5 %			
							10 kHz to 20 kHz	2 %			
		4	A	to	6	A	10 Hz to 1 kHz	0.07 %			
							1 kHz to 5 kHz	0.14 %			
							5 kHz to 10 kHz	0.38 %			
							10 kHz to 20 kHz	1.5 %			
		6	A	to	11	A	10 Hz to 1 kHz	0.07 %			
							1 kHz to 5 kHz	0.13 %			
							5 kHz to 10 kHz	0.35 %			
							10 kHz to 20 kHz	1.3 %			
		11	A	to	20	A	40 Hz to 400 Hz	0.35 %			
		20	A	to	30	A	40 Hz to 300 Hz	0.1 %	Comparison with current measured by a standard shunt with multimeter	KP 1/E, KP 2/E, KP 3/E	
		30	A	to	50	A	40 Hz to 250 Hz	1.2 %			
		50	A	to	100	A	40 Hz to 160 Hz	2 %			
	Clamp ammeters and clamp current probes	1	A	to	5	A	40 Hz to 300 Hz	0.25 %	Direct generation of current with a calibrator	KP 1/E	1
		5	A	to	20	A	40 Hz to 300 Hz	0.16 %	Simulation of reference current using calibrator and current coil		

Accredited entity according to ČSN EN ISO/IEC 17025:2018:

Institut pro testování a certifikaci, a. s.
CAB number 2222, Calibration Laboratory
Sokolovská 573, 686 01 Uherské Hradiště

Ord. number[1]	Calibrated quantity / Subject of calibration	Nominal range min.	unit		Nominal range max.	unit	Parameter(s) of the measurand	Lowest stated expanded mesurement uncertainty[2]	Calibration principle	Calibration procedure identification[3]	Location
		20	A	to	30	A	40 Hz to 300 Hz	0.33 %			
		30	A	to	100	A	40 Hz to 300 Hz	0.25 %			
		100	A	to	250	A	40 Hz to 300 Hz	0.35 %			
		250	A	to	750	A	40 Hz to 300 Hz	0.2 %			
11*	Alternating current / current sources	1	µA	to	120	µA	10 Hz to 20 Hz	0.46 % + 35 nA	Direct measurement by a standard multimeter	KP 8/E	1
							20 Hz to 45 Hz	0.17 % + 35 nA			
							45 Hz to 100 Hz	0.07 % + 35 nA			
							100 Hz to 1,000 Hz	0.071 % + 35 nA			
							1 kHz to 5 kHz	0.061 % + 35 nA			
							5 kHz to 20 kHz	0.061 % + 35 nA			
		120	µA	to	1.2	mA	10 Hz to 20 Hz	0.46 % + 230 nA			
							20 Hz to 45 Hz	0.17 % + 230 nA			
							45 Hz to 100 Hz	0.07 % + 230 nA			
							100 Hz to 1,000 Hz	0.037 % + 230 nA			
							1 kHz to 5 kHz	0.044 % + 230 nA			
							5 kHz to 20 kHz	0.044 % + 230 nA			
		1.2	mA	to	12	mA	10 Hz to 20 Hz	0.46 % + 2.3 µA			
							20 Hz to 45 Hz	0.17 % + 2.3 µA			
							45 Hz to 100 Hz	0.07 % + 2.3 µA			
							100 Hz to 1,000 Hz	0.037 % + 2.3 µA			
							1 kHz to 5 kHz	0.041 % + 2.3 µA			
							5 kHz to 20 kHz	0.041 % + 2.3 µA			
		12	mA	to	120	mA	10 Hz to 20 Hz	0.46 % + 23 µA			
							20 Hz to 45 Hz	0.17 % + 23 µA			
							45 Hz to 100 Hz	0.07 % + 23 µA			
							100 Hz to 1,000 Hz	0.037 % + 23 µA			
							1 kHz to 5 kHz	0.04 % + 23 µA			

Accredited entity according to ČSN EN ISO/IEC 17025:2018:

Institut pro testování a certifikaci, a. s.
CAB number 2222, Calibration Laboratory
Sokolovská 573, 686 01 Uherské Hradiště

Ord. num-ber[1]	Calibrated quantity / Subject of calibration	Nominal range min.	unit		max.	unit	Parameter(s) of the measurand	Lowest stated expanded mesurement uncertainty[2]	Calibration principle	Calibration procedure identification[3]	Loca-tion
							5 kHz to 20 kHz	0.04 % + 23 µA			
		120	mA	to	1	A	10 Hz to 20 Hz	0.46 % + 230 µA			
							20 Hz to 45 Hz	0.17 % + 230 µA			
							45 Hz to 100 Hz	0.07 % + 230 µA			
							100 Hz to 1,000 Hz	0.12 % + 230 µA			
							1 kHz to 5 kHz	0.13 % + 230 µA			
							5 kHz to 20 kHz	0.13 % + 230 µA			
		1.2	A	to	12	A	40 Hz to 1 kHz	0.14 % + 330 µA	Indirect measurement by a multimeter with standard shunt	KP 8/E	
							1 kHz to 20 kHz	0.15 % + 41 µA			
		12	A	to	20	A	40 Hz to 1 kHz	0.14 % + 420 µA			
							1 kHz to 20 kHz	0.15 % + 490 µA			
		20	A	to	50	A	40 Hz to 250 Hz	1 % + 44 µA			
		50	A	to	100	A	40 Hz to 250 Hz	2 % + 48 µA			
		1	A	to	40	A	40 Hz to 300 Hz	1.2 % + 0.5 A	Measurement by a standard clamp ammeter	KP 8/E	
		40	A	to	400	A	40 Hz to 300 Hz	0.6 % + 5 A			
		400	A	to	1,500	A	40 Hz to 150 Hz	0.6 % + 23 A			
12*	DC resistance / ohmmeters, testing and inspection instruments and their parts.				0	Ω		20 µΩ	Direct measurement of fixed resistance standards	KP 1/E, KP 2/E	1
					0.1	mΩ		6 nΩ			
					1	mΩ		50 nΩ			
					0.01	Ω		0.3 µΩ			
					0.1	Ω		2 µΩ			
					1	Ω		12 µΩ			
					10	Ω		200 µΩ			

Accredited entity according to ČSN EN ISO/IEC 17025:2018:

Institut pro testování a certifikaci, a. s.
CAB number 2222, Calibration Laboratory
Sokolovská 573, 686 01 Uherské Hradiště

Ord. number[1]	Calibrated quantity / Subject of calibration	Nominal range				Parameter(s) of the measurand	Lowest stated expanded mesurement uncertainty[2]	Calibration principle	Calibration procedure identification[3]	Location
		min.	unit	max.	unit					
				100	Ω		1.2 mΩ			
				1	kΩ		14 mΩ			
				10	kΩ		0.14 Ω			
				100	kΩ		1.7 Ω			
				1	MΩ		30 Ω			
				10	MΩ		60 Ω			
				100	MΩ		9 kΩ			
				1	GΩ		0.4 MΩ			
				10	GΩ		0.4 GΩ			
				100	GΩ		5 GΩ			
				1	TΩ		100 GΩ			
13*	DC resistance/ standard resistors, shunts							Comparison by ratio method – measurement of voltage drop at constant measuring current	KP 6/E	1
				0.1	mΩ		10 nΩ			
				1	mΩ		70 nΩ			
				0.01	Ω		0.4 μΩ			
				0.1	Ω		3 μΩ			
				1	Ω		20 μΩ			
				10	Ω		250 μΩ			
				100	Ω		1.5 mΩ			
				1	kΩ		40 mΩ			
				10	kΩ		0.4 Ω			
				100	kΩ		7 Ω			

Accredited entity according to ČSN EN ISO/IEC 17025:2018:

Institut pro testování a certifikaci, a. s.
CAB number 2222, Calibration Laboratory
Sokolovská 573, 686 01 Uherské Hradiště

Ord. number[1]	Calibrated quantity / Subject of calibration	Nominal range min.	unit		max.	unit	Parameter(s) of the measurand	Lowest stated expanded mesurement uncertainty[2]	Calibration principle	Calibration procedure identification[3]	Location
					1 10 100 1	MΩ MΩ MΩ GΩ		40 Ω 700 Ω 12 kΩ 0.6 MΩ	Comparison by ratio method – measurement of standard and calibrated resistance		
14*	DC resistance / resistors, calibrators, simulators, testing and inspection instruments and their parts.	0 12 0.12 1.2 12 0.12 1.2 12 0.12	Ω Ω kΩ kΩ kΩ MΩ MΩ MΩ GΩ	to to to to to to to to to	12 120 1.2 12 120 1.2 12 120 1.2	Ω Ω kΩ kΩ kΩ MΩ MΩ MΩ GΩ		0.002 % + 78 μΩ 0.0016 % + 570 μΩ 0.0014 % + 540 μΩ 0.0014 % + 5.4 mΩ 0.0016 % + 45 mΩ 0.0026 % + 1.9 Ω 0.0068 % + 110 Ω 0.058 % + 1.3 kΩ 0.57 % + 0.35 MΩ	Direct measurement by a standard multimeter	KP 8/E	1
		0.1 1 10 200 500 1,000 2,000 5,000	MΩ MΩ MΩ MΩ MΩ MΩ MΩ MΩ	to to to to to to to to	1 10 200 500 1,000 2,000 5,000 10,000	MΩ MΩ MΩ MΩ MΩ MΩ MΩ MΩ		0.004 % 0.01 % 0.02 % 0.03 % 0.1 % 0.2 % 0.3 % 0.5 %	Indirect comparison – method of resistance divider excited by constant measuring voltage	KP 6/E	

Accredited entity according to ČSN EN ISO/IEC 17025:2018:

Institut pro testování a certifikaci, a. s.
CAB number 2222, Calibration Laboratory
Sokolovská 573, 686 01 Uherské Hradiště

Ord. number[1]	Calibrated quantity / Subject of calibration	Nominal range min.	Nominal range max.	Parameter(s) of the measurand	Lowest stated expanded mesurement uncertainty[2]	Calibration principle	Calibration procedure identification[3]	Location
		10,000 MΩ	50,000 MΩ		1 %			
		50,000 MΩ	100,000 MΩ		2 %			
15	HF level (voltage) / HF voltmeters, measuring receivers, synthesizers, oscilloscopes, spectral and circuit analyzers, radiocommunication and radio navigation testers, simulators and imitators (ATC, DME, TACAN, TCAS, VOR-ILS)	20 dBµV (10 µV	47 dBµV 224 µV)	0.1 MHz to 1.4 GHz	4 %	Indirect comparison with standard HF wattmeter	KP 13/E, KP 18/E	1
				1.4 GHz to 2.08 GHz	3.5 %			
		47 dBµV (224 µV	67 dBµV 2.24 mV)	10 MHz to 30 MHz	4 %			
				30 MHz to 2.08 GHz	3.5 %			
		67 dBµV (2.24 µV	87 dBµV 22.4 mV)	10 MHz to 30 MHz	4 %			
				30 MHz to 2.08 GHz	3.5 %			
		87 dBµV (22.4 mV	117 dBµV 707 mV)	100 kHz to 300 kHz	17 %			
				300 kHz to 600 kHz	14 %			
				600 kHz to 1 MHz	8.5 %			
				1 MHz to 1.3 GHz	2.6 %			
				1.3 GHz to 2.08 GHz	3.2 %			
		117 dBµV (707 mV	137 dBµV 7.07 V	100 kHz to 300 kHz	17 %			
				300 kHz to 600 kHz	14 %			
				600 kHz to 1 MHz	8.5 %			

Accredited entity according to ČSN EN ISO/IEC 17025:2018:

Institut pro testování a certifikaci, a. s.
CAB number 2222, Calibration Laboratory
Sokolovská 573, 686 01 Uherské Hradiště

Ord. number[1]	Calibrated quantity / Subject of calibration	Nominal range min.	Nominal range unit	Nominal range max.	Nominal range unit	Parameter(s) of the measurand	Lowest stated expanded mesurement uncertainty[2]	Calibration principle	Calibration procedure identification[3]	Location
						1 MHz to 1.3 GHz	3.5 %			
						1.3 GHz to 2.08 GHz	4 %			
		137 dBµV (7.07 V	to	147 dBµV 22.4 V)		100 kHz to 2.08 GHz	2.9 %			
		147 dBµV (22.4 V	to	152 dBµV 39.0 V		100 kHz to 2.08 GHz	3.7 %			
16	HF level (voltage) / HF generators, circuit analyzers, radiocommunication and radio navigation testers, simulators and imitators (ATC, DME, TACAN, TCAS, VOR-ILS)	20 dBµV (10 µV	to	47 dBµV 224 µV)		0.1 MHz to 1.4 GHz	4 %	Indirect measurement of HF voltage - by measuring HF power at impedance 50 Ω[6]	KP 11/E, KP 12/E,	1
						1.4 GHz to 2.08 GHz	3.5 %			
		47 dBµV (224 µV	to	67 dBµV 2.24 mV)		10 MHz to 30 MHz	4 %			
						30 MHz to 2.08 GHz	3.5 %			
		67 dBµV (2.24 µV	to	87 dBµV 22.4 mV)		10 MHz to 30 MHz	4 %			
						30 MHz to 2.08 GHz	3.5 %			
		87 dBµV (22.4 mV	to	117 dBµV 707 mV)		100 kHz to 300 kHz	17 %			
						300 kHz to 600 kHz	14 %			
						600 kHz to 1 MHz	8.5 %			
						1 MHz to 1.3 GHz	2.6 %			
						1.3 GHz to 2.08 GHz	3.2 %			

Accredited entity according to ČSN EN ISO/IEC 17025:2018:

Institut pro testování a certifikaci, a. s.
CAB number 2222, Calibration Laboratory
Sokolovská 573, 686 01 Uherské Hradiště

Ord. num-ber[1]	Calibrated quantity / Subject of calibration	Nominal range min. unit	Nominal range max. unit	Parameter(s) of the measurand	Lowest stated expanded mesurement uncertainty[2]	Calibration principle	Calibration procedure identification[3]	Loca-tion
		117 dBµV (707 mV	137 dBµV 7.07 V)	100 kHz to 300 kHz 300 kHz to 600 kHz 600 kHz to 1 MHz 1 MHz to 1.3 GHz 1.3 GHz to 2.08 GHz	17 % 14 % 8.5 % 3.5 % 4 %			
		137 dBµV (7.07 V	147 dBµV 22.4 V)	100 kHz to 2.08 GHz	2.9 %			
		147 dBµV (22.4 V	152 dBµV 39.0 V)	100 kHz to 2.08 GHz	3.7 %			
17*	HF level (power) / oscillators, circuit analyzers, testers, radiocommunication and radio navigation testers, simulators and imitators (ATC, DME, TACAN, TCAS, VOR-ILS)	1 pW (-90 dBm	2.5 pW -86 dBm)	10 MHz to 20 MHz 20 MHz to 50 MHz 50 MHz to 7 GHz	8.7 % 6.5 % 6.2 %	Direct measurement by a standard measuring receiver	KP 15/E	1
		2.5 pWd (-86 dBm	800 pW -61 dBm)	10 MHz to 20 MHz 20 MHz to 50 MHz 50 MHz to 7 GHz	7.8 % 5.2 % 4.8 %			
		800 pW (-61 dBm	2 nW -57 dBm)	10 MHz to 20 MHz	8.5 %	Measurement by a standard HF wattmeter	KP 15/E	

Accredited entity according to ČSN EN ISO/IEC 17025:2018:

Institut pro testování a certifikaci, a. s.
CAB number 2222, Calibration Laboratory
Sokolovská 573, 686 01 Uherské Hradiště

Ord. number[1]	Calibrated quantity / Subject of calibration	Nominal range min. unit	Nominal range max. unit	Parameter(s) of the measurand	Lowest stated expanded mesurement uncertainty[2]	Calibration principle	Calibration procedure identification[3]	Location
				20 MHz to 50 MHz	6.2 %			
				50 MHz to 7 GHz	5.5 %			
				7 GHz to 15 GHz	6.0 %			
				15 GHz to 18 GHz	6.6 %			
		2 nW (-57 dBm	10 µW -20 dBm)					
				10 MHz to 20 MHz	7.5 %			
				20 MHz to 50 MHz	4.8 %			
				50 MHz to 7 GHz	3.9 %			
				7 GHz to 15 GHz	4.5 %			
				15 GHz to 18 GHz	5.4 %			
		10 µW (-20 dBm	100 µW -10 dBm)					
				100 kHz to 300 kHz	7.3 %			
				300 kHz to 1 MHz	4.0 %			
				1 MHz to 50 MHz	3.6 %			
				50 MHz to 1 GHz	3.0 %			
				1 GHz to 2 GHz	3.7 %			
				2 GHz to 15 GHz	4.8 %			
				15 GHz to 18 GHz	5.1 %			
				18 GHz to 20 GHz	5.5 %			
				20 GHz to 26.5 GHz	4.6 %			
				26.5 GHz to 40.8 GHz	6.0 %			
		100 µW (-10 dBm	10 mW +10 dBm)					
				100 kHz to 300 kHz	7.7 %			
				300 kHz to 1 MHz	4.1 %			
				1 MHz to 50 MHz	3.4 %			
				50 MHz to 1 GHz	2.6 %			
				1 GHz to 2 GHz	3.7 %			
				2 GHz to 15 GHz	4.6 %			

Accredited entity according to ČSN EN ISO/IEC 17025:2018:

Institut pro testování a certifikaci, a. s.
CAB number 2222, Calibration Laboratory
Sokolovská 573, 686 01 Uherské Hradiště

Ord. number[1]	Calibrated quantity / Subject of calibration	Nominal range min.	Nominal range unit	Nominal range max.	Nominal range unit	Parameter(s) of the measurand	Lowest stated expanded mesurement uncertainty[2]	Calibration principle	Calibration procedure identification[3]	Location
						15 GHz to 18 GHz	4.9 %			
						18 GHz to 20 GHz	5.3 %			
						20 GHz to 26.5 GHz	4.3 %			
						26.5 GHz to 40.8 GHz	5.6 %			
		10 mW (+10 dBm		to 100 mW +20 dBm)						
						100 kHz to 300 kHz	6.2 %			
						300 kHz to 1 MHz	6.2 %			
						1 MHz to 10 MHz	5.4 %			
						10 MHz to 50 MHz	4.6 %			
						50 MHz to 1 GHz	4.4 %			
						1 GHz to 15 GHz	5.8 %			
						15 GHz to 18 GHz	6.0 %			
						18 GHz to 20 GHz	6.4 %			
						20 GHz to 26.5 GHz	5.5 %			
						26.5 GHz to 40.8 GHz	6.5 %			
		100 mW	to	3 W						
		(+20 dBm	to	+33 dBm)		100 kHz to 300 kHz	6.0 %			
						300 kHz to 1 MHz	6.0 %			
						1 MHz to 10 MHz	5.2 %			
						10 MHz to 500 MHz	4.8 %			
						500 MHz to 1 GHz	5.9 %			
		3 mW	to	10 W						
		(+33 dBm	to	+40 dBm)		1 GHz to 4.2 GHz	6.7 %			
						100 kHz to 300 kHz	7.3 %			
						300 kHz to 1 MHz	7.3 %			
						1 MHz to 10 MHz	6.6 %			
						10 MHz to 500 MHz	6.3 %			

Accredited entity according to ČSN EN ISO/IEC 17025:2018:

Institut pro testování a certifikaci, a. s.
CAB number 2222, Calibration Laboratory
Sokolovská 573, 686 01 Uherské Hradiště

Ord. num-ber[1]	Calibrated quantity / Subject of calibration	Nominal range min. unit	Nominal range max. unit	Parameter(s) of the measurand	Lowest stated expanded mesurement uncertainty[2]	Calibration principle	Calibration procedure identification[3]	Loca-tion
				500 MHz to 1 GHz	7.1 %			
		10 W (+40 dBm	to 25 W to +44 dBm)	1 GHz to 4.2 GHz	7.6 %			
				100 kHz to 300 kHz	7.4 %			
				300 kHz to 1 MHz	7.4 %			
				1 MHz to 10 MHz	6.7 %			
				10 MHz to 500 MHz	6.2 %			
				500 MHz to 1 GHz	6.9 %			
				1 GHz to 2 GHz	8.0 %			
		10 W (+40 dBm	to 25 W to +44 dBm	2 GHz to 4.2 GHz	9.5 %			
				1 GHz to 2 GHz	8.0 %			
18*	HF level (power) / HF wattmeters, selective HF meters, spectral and circuit analyzers, testers, radiocommunication and radio navigation testers, simulators and imitators (ATC, DME, TACAN, TCAS, VOR-ILS)					Comparison with a standard HF wattmeter	KP 14/E	1
		800 pW (-61 dBm	to 2 nW to -57 dBm	10 MHz to 20 MHz	8.5 %			
				20 MHz to 50 MHz	6.2 %			
				50 MHz to 7 GHz	5.5 %			
				7 GHz to 15 GHz	6.0 %			
				15 GHz to 18 GHz	6.6 %			
		2 nW (-57 dBm	to 10 µW to -20 dBm	10 MHz to 20 MHz	7.5 %			
				20 MHz to 50 MHz	4.8 %			

Accredited entity according to ČSN EN ISO/IEC 17025:2018:

Institut pro testování a certifikaci, a. s.
CAB number 2222, Calibration Laboratory
Sokolovská 573, 686 01 Uherské Hradiště

Ord. num-ber[1]	Calibrated quantity / Subject of calibration	Nominal range min. unit	Nominal range max. unit	Parameter(s) of the measurand	Lowest stated expanded mesurement uncertainty[2]	Calibration principle	Calibration procedure identification[3]	Loca-tion
				50 MHz to 7 GHz	3.9 %			
				7 GHz to 15 GHz	4.5 %			
				15 GHz to 18 GHz	5.4 %			
		10 µW	100 µW					
		(-20 dBm	-10 dBm	100 kHz to 300 kHz	7.3 %			
				300 kHz to 1 MHz	4.0 %			
				1 MHz to 50 MHz	3.6 %			
				50 MHz to 1 GHz	3.0 %			
				1 GHz to 2 GHz	3.7 %			
				2 GHz to 15 GHz	4.8 %			
				15 GHz to 18 GHz	5.1 %			
				18 GHz to 20 GHz	5.5 %			
				20 GHz to 26.5 GHz	4.6 %			
				26.5 GHz to 40.8 GHz	6.0 %			
		100 µW	10 mW					
		(-10 dBm	+10 dBm	100 kHz to 300 kHz	7.7 %			
				300 kHz to 1 MHz	4.1 %			
				1 MHz to 50 MHz	3.4 %			
				50 MHz to 1 GHz	2.6 %			
				1 GHz to 2 GHz	3.7 %			
				2 GHz to 15 GHz	4.6 %			
				15 GHz to 18 GHz	4.9 %			
				18 GHz to 20 GHz	5.3 %			
				20 GHz to 26.5 GHz	4.3 %			
				26.5 GHz to 40.8 GHz	5.6 %			
		10 mW	100 mW					
		(+10 dBm	+20 dBm	100 kHz to 300 kHz	6.2 %			
				300 kHz to 1 MHz	6.2 %			

Accredited entity according to ČSN EN ISO/IEC 17025:2018:

Institut pro testování a certifikaci, a. s.
CAB number 2222, Calibration Laboratory
Sokolovská 573, 686 01 Uherské Hradiště

Ord. number[1]	Calibrated quantity / Subject of calibration	Nominal range min. unit	Nominal range max. unit	Parameter(s) of the measurand	Lowest stated expanded mesurement uncertainty[2]	Calibration principle	Calibration procedure identification[3]	Location
				1 MHz to 10 MHz	5.4 %			
				10 MHz to 50 MHz	4.6 %			
				50 MHz to 1 GHz	4.4 %			
				1 GHz to 15 GHz	5.8 %			
				15 GHz to 18 GHz	6.0 %			
				18 GHz to 20 GHz	6.4 %			
				20 GHz to 26.5 GHz	5.5 %			
				26.5 GHz to 40.8 GHz	6.5 %			
		100 mW (+20 dBm)	to 2 W (+33 dBm)					
				100 kHz to 300 kHz	6.0 %			
				300 kHz to 1 MHz	6.0 %			
				1 MHz to 10 MHz	5.2 %			
				10 MHz to 500 MHz	4.8 %			
				500 MHz to 1 GHz	5.9 %			
				1 GHz to 4.2 GHz	6.7 %			
		2 mW (+33 dBm	to 10 W +40 dBm					
				100 kHz to 300 kHz	7.3 %			
				300 kHz to 1 MHz	7.3 %			
				1 MHz to 10 MHz	6.6 %			
				10 MHz to 500 MHz	6.3 %			
				500 MHz to 1 GHz	7.1 %			
				1 GHz to 4.2 GHz	7.6 %			
		10 W (+40 dBm	to 25 W +44 dBm					
				100 kHz to 300 kHz	7.4 %			
				300 kHz to 1 MHz	7.4 %			
				1 MHz to 10 MHz	6.7 %			
				10 MHz to 500 MHz	6.2 %			
				500 MHz to 1 GHz	6.9 %			

Accredited entity according to ČSN EN ISO/IEC 17025:2018:

Institut pro testování a certifikaci, a. s.
CAB number 2222, Calibration Laboratory
Sokolovská 573, 686 01 Uherské Hradiště

Ord. num-ber[1]	Calibrated quantity / Subject of calibration	Nominal range min.	unit		max.	unit	Parameter(s) of the measurand	Lowest stated expanded mesurement uncertainty[2]	Calibration principle	Calibration procedure identification[3]	Loca-tion
							1 GHz to 2 GHz	8.0 %			
							2 GHz to 4.2 GHz	9.5 %			
19*	HF attenuation / attenuators, attenuation pads, selective HF meters, spectral and circuit analyzers, testers, radiocommunication and radio navigation testers, simulators, imitators (ATC, DME, TACAN, TCAS, VOR-ILS)	0 dBm	to	10 dBm			100 kHz to 400 kHz	0.048 dB	Indirect measurement power method	KP 16/E	1
							400 kHz to 1.3 GHz	0.048 dB			
							1.3 GHz to 3 GHz	0.048 dB			
							3 GHz to 6 GHz	0.059 dB			
		10 dBm	to	20 dBm			100 kHz to 400 kHz	0.064 dB			
							400 kHz to 1.3 GHz	0.067 dB			
							1.3 GHz to 3 GHz	0.062 dB			
							3 GHz to 6 GHz	0.076 dB			
		20 dBm	to	30 dBm			100 kHz to 400 kHz	0.11 dB			
							400 kHz to 1.3 GHz	0.11 dB			
							1.3 GHz to 3 GHz	0.11 dB			
							3 GHz to 6 GHz	0.11 dB			
		30 dBm	to	40 dBm			100 kHz to 400 kHz	0.15 dB			
							400 kHz to 3 GHz	0.15 dB			
							3 GHz to 6 GHz	0.17 dB			
		40 dBm	to	60 dBm			100 kHz to 3 GHz	0.18 dB			
							3 GHz to 6 GHz	0.19 dB			
		60 dBm	to	65 dBm			100 kHz to 6 GHz	0.25 dB			

Accredited entity according to ČSN EN ISO/IEC 17025:2018:

Institut pro testování a certifikaci, a. s.
CAB number 2222, Calibration Laboratory
Sokolovská 573, 686 01 Uherské Hradiště

Ord. number[1]	Calibrated quantity / Subject of calibration	Nominal range min.	unit		max.	unit	Parameter(s) of the measurand		Lowest stated expanded mesurement uncertainty[2]	Calibration principle	Calibration procedure identification[3]	Location
20*	Modulation swing of frequency modulation / generators, modulation meters, selective HF meters, spectral analyzers, radiocommunication and radio navigation testers, simulators and imitators (ATC, DME, TACAN, TCAS, VOR-ILS)						Modulation frequency	Carrier frequency		Direct measurement with a modulation analyzer	KP 21/E	1
		0.1 kHz	to		0.2 kHz		30 Hz to 60 kHz	(0.03 to 120) MHz	3.4 %			
								(120 to 550) MHz	3.4 %			
								(0.55 to 1) GHz	3.2 %			
							(60 to 100) kHz	(4.25 to 120) MHz	3.4 %			
								(120 to 550) MHz	6.8 %			
								(0.55 to 1) GHz	13 %			
		0.2 kHz	to		0.3 kHz		30 Hz to 60 kHz	(0.03 to 120) MHz	2.4 %			
								(120 to 550) MHz	2.4 %			
								(0.55 to 1) GHz	3.2 %			
							(60 to 100) kHz	(4.25 to 120) MHz	2.4 %			
								(120 to 550) MHz	4 %			
								(0.55 to 1) GHz	6.8 %			
		0.3 kHz	to		0.4 kHz		30 Hz to 60 kHz	(0.03 to 120) MHz	2 %			
								(120 to 550) MHz	2 %			
								(0.55 to 1) GHz	4.9 %			
							(60 to 100) kHz	(4.25 to 120) MHz	2 %			
								(120 to 550) MHz	3.1 %			
								(0.55 to 1) GHz	4.9 %			
		0.4 kHz	to		0.5 kHz		30 Hz to 60 kHz	(0.03 to 120) MHz	1.9 %			
								(120 to 550) MHz	1.9 %			

Accredited entity according to ČSN EN ISO/IEC 17025:2018:

Institut pro testování a certifikaci, a. s.
CAB number 2222, Calibration Laboratory
Sokolovská 573, 686 01 Uherské Hradiště

Ord. number[1]	Calibrated quantity / Subject of calibration	Nominal range				Parameter(s) of the measurand		Lowest stated expanded mesurement uncertainty[2]	Calibration principle	Calibration procedure identification[3]	Location
		min.	unit	max.	unit						
		0.5 kHz	to	0.6 kHz			(0.55 to 1) GHz	4 %			
						(60 to 100) kHz	(4.25 to 120) MHz	1.9 %			
							(120 to 550) MHz	2.6 %			
						30 Hz to 60 kHz	(0.55 to 1) GHz	4 %			
							(0.03 to 120) MHz	1.8 %			
							(120 to 550) MHz	1.8 %			
						(60 to 100) kHz	(0.55 to 1) GHz	3.4 %			
							(4.25 to 120) MHz	1.8 %			
							(120 to 550) MHz	2.4 %			
		0.6 kHz	to	0.7 kHz		30 Hz to 60 kHz	(0.55 to 1) GHz	3.4 %			
							(0.03 to 120) MHz	1.7 %			
							(120 to 550) MHz	1.7 %			
						(60 to 100) kHz	(0.55 to 1) GHz	3.1 %			
							(4.25 to 120) MHz	1.7 %			
							(120 to 550) MHz	2.2 %			
		0.7 kHz	to	0.8 kHz		30 Hz to 60 kHz	(0.55 to 1) GHz	3.1 %			
							(0.03 to 120) MHz	1.7 %			
							(120 to 550) MHz	1.7 %			
						(60 to 100) kHz	(0.55 to 1) GHz	2.8 %			
							(4.25 to 120) MHz	1.7 %			
							(120 to 550) MHz	2.1 %			
		0.8 kHz	to	0.9 kHz		30 Hz to 60 kHz	(0.55 to 1) GHz	2.8 %			
							(0.03 to 120) MHz	1.6 %			
							(120 to 550) MHz	1.6 %			
						(60 to 100) kHz	(0.55 to 1) GHz	2.6 %			
							(4.25 to 120) MHz	1.6 %			
							(120 to 550) MHz	2 %			
							(0.55 to 1) GHz	2.6 %			

Accredited entity according to ČSN EN ISO/IEC 17025:2018:

Institut pro testování a certifikaci, a. s.
CAB number 2222, Calibration Laboratory
Sokolovská 573, 686 01 Uherské Hradiště

Ord. num-ber[1]	Calibrated quantity / Subject of calibration	Nominal range				Parameter(s) of the measurand		Lowest stated expanded mesurement uncertainty[2]	Calibration principle	Calibration procedure identification[3]	Loca-tion
		min.	unit	max.	unit						
		0.9	kHz	to 1	kHz	30 Hz to 60 kHz	(0.03 to 120) MHz	1.6 %			
							(120 to 550) MHz	1.6 %			
							(0.55 to 1) GHz	2.5 %			
						(60 to 100) kHz	(4.25 to 120) MHz	1.6 %			
							(120 to 550) MHz	1.9 %			
							(0.55 to 1) GHz	2.5 %			
		1	kHz	to 2	kHz	30 Hz to 60 kHz	(0.03 to 120) MHz	1.2 %			
							(120 to 550) MHz	1.2 %			
							(0.55 to 1) GHz	2.2 %			
						(60 to 100) kHz	(4.25 to 120) MHz	1.2 %			
							(120 to 550) MHz	1.6 %			
							(0.55 to 1) GHz	2.2 %			
		2	kHz	to 3	kHz	30 Hz to 60 kHz	(0.03 to 120) MHz	1.1 %			
							(120 to 550) MHz	1.1 %			
							(0.55 to 1) GHz	1.6 %			
						(60 to 100) kHz	(4.25 to 120) MHz	1.1 %			
							(120 to 550) MHz	1.3 %			
							(0.55 to 1) GHz	1.6 %			
		3	kHz	to 4	kHz	30 Hz to 60 kHz	(0.03 to 120) MHz	1.1 %			
							(120 to 550) MHz	1.1 %			
							(0.55 to 1) GHz	1.4 %			
						(60 to 100) kHz	(4.25 to 120) MHz	1.1 %			
							(120 to 550) MHz	1.2 %			
							(0.55 to 1) GHz	1.4 %			
		4	kHz	to 5	kHz	30 Hz to 60 kHz	(0.03 to 120) MHz	1.1 %			
							(120 to 550) MHz	1.1 %			
							(0.55 to 1) GHz	1.3 %			
						(60 to 100) kHz	(4.25 to 120) MHz	1.1 %			

Accredited entity according to ČSN EN ISO/IEC 17025:2018:

Institut pro testování a certifikaci, a. s.
CAB number 2222, Calibration Laboratory
Sokolovská 573, 686 01 Uherské Hradiště

Ord. num-ber[1]	Calibrated quantity / Subject of calibration	Nominal range				Parameter(s) of the measurand		Lowest stated expanded mesurement uncertainty[2]	Calibration principle	Calibration procedure identification[3]	Loca-tion
		min.	unit	max.	unit						
							(120 to 550) MHz	1.2 %			
							(0.55 to 1) GHz	1.3 %			
		5 kHz	to	8 kHz		30 Hz to 60 kHz	(0.03 to 120) MHz	1.1 %			
							(120 to 550) MHz	1.1 %			
							(0.55 to 1) GHz	1.2 %			
						(60 to 100) kHz	(4.25 to 120) MHz	1.1 %			
							(120 to 550) MHz	1.1 %			
							(0.55 to 1) GHz	1.2 %			
		8 kHz	to	10 kHz		30 Hz to 60 kHz	(0.03 to 120) MHz	1 %			
							(120 to 550) MHz	1 %			
							(0.55 to 1) GHz	1.2 %			
						(60 to 100) kHz	(4.25 to 120) MHz	1 %			
							(120 to 550) MHz	1 %			
							(0.55 to 1) GHz	1.2 %			
		10 kHz	to	100 kHz		30 Hz to 60 kHz	(0.03 to 120) MHz	1 %			
							(120 to 550) MHz	1 %			
							(0.55 to 1) GHz	1.1 %			
						(60 to 100) kHz	(4.25 to 120) MHz	1 %			
							(120 to 550) MHz	1 %			
							(0.55 to 1) GHz	1 %			
		100 kHz	to	300 kHz		30 Hz to 60 kHz	(0.03 to 120) MHz	2.2 %			
							(120 to 550) MHz	2.2 %			
							(0.55 to 1) GHz	2.2 %			
						(60 to 100) kHz	(4.25 to 120) MHz	2.2 %			
							(120 to 550) MHz	2.2 %			
							(0.55 to 1) GHz	2.2 %			
		300 kHz	to	500 kHz		30 Hz to 60 kHz	(0.03 to 120) MHz	3.2 %			
							(120 to 550) MHz	3.2 %			

Accredited entity according to ČSN EN ISO/IEC 17025:2018:

Institut pro testování a certifikaci, a. s.
CAB number 2222, Calibration Laboratory
Sokolovská 573, 686 01 Uherské Hradiště

Ord. number[1]	Calibrated quantity / Subject of calibration	Nominal range				Parameter(s) of the measurand		Lowest stated expanded mesurement uncertainty[2]	Calibration principle	Calibration procedure identification[3]	Location
		min.	unit	max.	unit						
							(0.55 to 1) GHz	3.2 %			
						(60 to 100) kHz	(4.25 to 120) MHz	3.2 %			
							(120 to 550) MHz	3.2 %			
							(0.55 to 1) GHz	3.2 %			
21*	Amplitude modulation depth / generators, modulation meters, selective HF meters, spectral analyzers, radio navigation and radiocommunication testers, simulators and imitators (ATC, DME, TACAN, TCAS, VOR-ILS)								Direct measurement with a standard modulation analyzer	KP 21/E	1
						Modulation frequency	Carrier frequency				
				20 %		30 Hz		0.015 %			
				30 %		30 Hz		0.015 %			
				40 %		30 Hz		0.015 %			
		2 %	to	5 %		30 Hz to 60 kHz	55 kHz to 10 MHz	3.6 %			
							10 MHz to 1 GHz	3.2 %			
						60 kHz to 100 kHz	55 kHz to 10 MHz	4.3 %			
							10 MHz to 1 GHz	4.3 %			
		5 %	to	10 %		30 Hz to 60 kHz	55 kHz to 10 MHz	2.7 %			
							10 MHz to 1 GHz	2.2 %			
						60 kHz to 100 kHz	55 kHz to 10 MHz	3.6 %			
							10 MHz to 1 GHz	3.6 %			
		10 %	to	80 %		30 Hz to 60 kHz	55 kHz to 10 MHz	2.2 %			
							10 MHz to 1 GHz	1.8 %			
						60 kHz to 100 kHz	55 kHz to 10 MHz	3.4 %			
							10 MHz to 1 GHz	3.4 %			
		80 %	to	100 %		30 Hz to 60 kHz	55 kHz to 10 MHz	2.4 %			

Accredited entity according to ČSN EN ISO/IEC 17025:2018:

Institut pro testování a certifikaci, a. s.
CAB number 2222, Calibration Laboratory
Sokolovská 573, 686 01 Uherské Hradiště

Ord. number[1]	Calibrated quantity / Subject of calibration	Nominal range min.	unit		max.	unit	Parameter(s) of the measurand	Lowest stated expanded mesurement uncertainty[2]	Calibration principle	Calibration procedure identification[3]	Location
							10 MHz to 1 GHz	1.7 %			
							60 kHz to 100 kHz 55 kHz to 10 MHz	3.3 %			
							10 MHz to 1 GHz	3.3 %			
22*	Capacity / capacitors and capacity standards, capacity calibrators, capacity decades, testing and inspection instruments and their parts.	2 pF	to		5 pF		1 kHz to 2 kHz	9 %	Direct measurement using a standard RLC bridge	KP 32/E	1
							2 kHz to 5 kHz	3.5 %			
							5 kHz to 10 kHz	1.5 %			
							10 kHz to 20 kHz	0.8 %			
							20 kHz to 1 MHz	0.5 %			
		5 pF	to		10 pF		1 kHz to 2 kHz	3.5 %			
							2 kHz to 5 kHz	1.6 %			
							5 kHz to 10 kHz	0.6 %			
							10 kHz to 20 kHz	0.4 %			
							20 kHz to 100 kHz	0.3 %			
							100 kHz to 1 MHz	0.4 %			
		10 pF	to		100 pF		1 kHz to 2 kHz	1.9 %			
							2 kHz to 5 kHz	0.4 %			
							5 kHz to 10 kHz	0.35 %			
							10 kHz to 20 kHz	0.2 %			
							20 kHz to 100 kHz	0.15 %			
							100 kHz to 400 kHz	0.2 %			
							400 kHz to 1 MHz	0.4 %			
		100 pF	to		1,000 pF		0.5 kHz to 2 kHz	0.55 %			
							2 kHz to 5 kHz	0.15 %			
							5 kHz to 100 kHz	0.08 %			

Accredited entity according to ČSN EN ISO/IEC 17025:2018:

Institut pro testování a certifikaci, a. s.
CAB number 2222, Calibration Laboratory
Sokolovská 573, 686 01 Uherské Hradiště

Ord. num-ber[1]	Calibrated quantity / Subject of calibration	Nominal range min. unit	Nominal range max. unit	Parameter(s) of the measurand	Lowest stated expanded mesurement uncertainty[2]	Calibration principle	Calibration procedure identification[3]	Loca-tion
				100 kHz to 400 kHz	0.17 %			
				400 kHz to 1 MHz	0.37 %			
		1 nF	10 nF	100 Hz to 500 Hz	0.8 %			
				500 Hz to 2 kHz	0.12 %			
				2 kHz to 100 kHz	0.08 %			
				100 kHz to 400 kHz	0.17 %			
				400 kHz to 1 MHz	0.37 %			
		10 nF	100 nF	100 Hz to 500 Hz	0.2 %			
				500 Hz to 100 kHz	0.1 %			
				100 kHz to 400 kHz	0.25 %			
				400 kHz to 1 MHz	0.73 %			
		100 nF	1,000 nF	100 Hz to 500 Hz	0.15 %			
				500 Hz to 20 kHz	0.08 %			
				20 kHz to 100 kHz	0.15 %			
				100 kHz to 400 kHz	0.85 %			
		1 µF	10 µF	100 Hz to 500 Hz	0.13 %			
				500 Hz to 10 kHz	0.08 %			
				10 kHz to 20 kHz	0.13 %			
				20 kHz to 50 kHz	0.3 %			
				50 kHz to 100 kHz	0.7 %			
		10 µF	100 µF	50 Hz to 100 Hz	0.25 %			
				100 Hz to 500 Hz	0.15 %			
				500 Hz to 1 kHz	0.1 %			
				1 kHz to 5 kHz	0.2 %			
				5 kHz to 10 kHz	0.4 %			
23*	Capacity / capacity standards, capacitors, testing and inspection instruments and their parts		1 pF	1 kHz	1.5 %	Comparison with a standard capacitor	KP 32/E	1

Accredited entity according to ČSN EN ISO/IEC 17025:2018:

Institut pro testování a certifikaci, a. s.
CAB number 2222, Calibration Laboratory
Sokolovská 573, 686 01 Uherské Hradiště

Ord. number[1]	Calibrated quantity / Subject of calibration	Nominal range min. unit	Nominal range max. unit	Parameter(s) of the measurand	Lowest stated expanded mesurement uncertainty[2]	Calibration principle	Calibration procedure identification[3]	Location
				1 kHz to 100 kHz	1.6 %			
				100 kHz to 1 MHz	2 %			
			10 pF	1 kHz	0.05 %			
				1 kHz to 100 kHz	0.2 %			
				100 kHz to 1 MHz	0.2 %			
			100 pF	1 kHz	0.01 %			
				1 kHz to 100 kHz	0.1 %			
				100 kHz to 1 MHz	0.5 %			
			1,000 pF	100 Hz to 1 kHz	0.05 %			
				1 kHz	0.02 %			
				1 kHz to 100 kHz	0.05 %			
				100 kHz to 1 MHz	0.1 %			
			10 nF	100 Hz to 1 kHz	0.05 %			
				1 kHz	0.01 %			
				1 kHz to 100 kHz	0.05 %			
				100 kHz to 1 MHz	0.1 %			
			100 nF	100 Hz to 1 kHz	0.05 %			
				1 kHz	0.01 %			
				1 kHz to 100 kHz	0.1 %			
			1 µF	100 Hz to 1 kHz	0.15 %			
				1 kHz	0.1 %			
				1 kHz to 100 kHz	0.6 %			
			10 µF	100 Hz to 1 kHz	0.15 %			
				1 kHz	0.1 %			
				1 kHz to 50 kHz	0.5 %			
			100 µF	100 Hz to 1 kHz	0.1 %			
				1 kHz	0.1 %			
				1 kHz to 10 kHz	0.6 %			

Accredited entity according to ČSN EN ISO/IEC 17025:2018:

Institut pro testování a certifikaci, a. s.
CAB number 2222, Calibration Laboratory
Sokolovská 573, 686 01 Uherské Hradiště

Ord. number[1]	Calibrated quantity / Subject of calibration	Nominal range min. unit	Nominal range max. unit	Parameter(s) of the measurand	Lowest stated expanded mesurement uncertainty[2]	Calibration principle	Calibration procedure identification[3]	Location
24*	Capacity / RLCG bridges and meters, testing and inspection instruments and their parts	1 pF		1 kHz	1.5 %	Direct measurement on capacity standards	KP 31/E	1
				1 kHz to 100 kHz	1.6 %			
				100 kHz to 1 MHz	2 %			
		10 pF		1 kHz	0.05 %			
				1 kHz to 100 kHz	0.2 %			
				100 kHz to 1 MHz	0.2 %			
		100 pF		1 kHz	0.01 %			
				1 kHz to 100 kHz	0.1 %			
				100 kHz to 1 MHz	0.5 %			
		1,000 pF		100 Hz to 1 kHz	0.05 %			
				1 kHz	0.02 %			
				1 kHz to 100 kHz	0.05 %			
				100 kHz to 1 MHz	0.1 %			
		10 nF		100 Hz to 1 kHz	0.05 %			
				1 kHz	0.01 %			
				1 kHz to 100 kHz	0.05 %			
				100 kHz to 1 MHz	0.1 %			
		100 nF		100 Hz to 1 kHz	0.05 %			
				1 kHz	0.01 %			
				1 kHz to 100 kHz	0.1 %			
		1 µF		100 Hz to 1 kHz	0.15 %			
				1 kHz	0.1 %			
				1 kHz to 100 kHz	0.6 %			
		10 µF		100 Hz to 1 kHz	0.15 %			
				1 kHz	0.1 %			
				1 kHz to 50 kHz	0.5 %			

Accredited entity according to ČSN EN ISO/IEC 17025:2018:

Institut pro testování a certifikaci, a. s.
CAB number 2222, Calibration Laboratory
Sokolovská 573, 686 01 Uherské Hradiště

Ord. number[1]	Calibrated quantity / Subject of calibration	Nominal range				Parameter(s) of the measurand	Lowest stated expanded mesurement uncertainty[2]	Calibration principle	Calibration procedure identification[3]	Location
		min.	unit	max.	unit					
				100	µF	100 Hz to 1 kHz	0.1 %			
						1 kHz	0.1 %			
						1 kHz to 10 kHz	0.6 %			
25*	Inductance / inductors and inductance standards, inductance calibrators, inductance decades, testing and inspection instruments and their parts	1	µH	2	µH	1 kHz to 2 kHz	10 %	Measurement by standard RLCG bridge, two-terminal or three-terminal connection	KP 32/E	1
						2 kHz to 4 kHz	4.1 %			
						4 kHz to 8 kHz	2 %			
						8 kHz to 10 kHz	1 %			
						10 kHz to 50 kHz	0.83 %			
						50 kHz to 100 kHz	0.3 %			
		2	µH	3	µH	1 kHz to 2 kHz	5 %			
						2 kHz to 4 kHz	2.1 %			
						4 kHz to 8 kHz	1 %			
						8 kHz to 10 kHz	0.6 %			
						10 kHz to 50 kHz	0.5 %			
						50 kHz to 100 kHz	0.2 %			
		3	µH	5	µH	1 kHz to 2 kHz	3.2 %			
						2 kHz to 4 kHz	1.4 %			
						4 kHz to 8 kHz	0.69 %			
						8 kHz to 10 kHz	0.38 %			
						10 kHz to 50 kHz	0.33 %			
						50 kHz to 100 kHz	0.18 %			
		5	µH	10	µH	1 kHz to 2 kHz	2 %			
						2 kHz to 4 kHz	0.86 %			
						4 kHz to 8 kHz	0.44 %			

Accredited entity according to ČSN EN ISO/IEC 17025:2018:

Institut pro testování a certifikaci, a. s.
CAB number 2222, Calibration Laboratory
Sokolovská 573, 686 01 Uherské Hradiště

Ord. number[1]	Calibrated quantity / Subject of calibration	Nominal range				Parameter(s) of the measurand	Lowest stated expanded mesurement uncertainty[2]	Calibration principle	Calibration procedure identification[3]	Location
		min.	unit	max.	unit					
						8 kHz to 10 kHz	0.27 %			
						10 kHz to 50 kHz	0.19 %			
						50 kHz to 100 kHz	0.15 %			
		10	µH	to 20	µH	1 kHz to 2 kHz	1 %			
						2 kHz to 4 kHz	0.46 %			
						4 kHz to 10 kHz	0.25 %			
						10 kHz to 100 kHz	0.14 %			
		20	µH	to 50	µH	500 Hz to 1 kHz	1.3 %			
						1 kHz to 2 kHz	0.53 %			
						2 kHz to 4 kHz	0.26 %			
						4 kHz to 10 kHz	0.16 %			
						10 kHz to 100 kHz	0.14 %			
		50	µH	to 200	µH	500 Hz to 1 kHz	0.55 %			
						1 kHz to 4 kHz	0.25 %			
						4 kHz to 10 kHz	0.11 %			
						10 kHz to 100 kHz	0.14 %			
		200	µH	to 1	mH	100 Hz to 200 Hz	1.9 %			
						200 Hz to 500 Hz	0.6 %			
						500 Hz to 1 kHz	0.2 %			
						1 kHz to 4 kHz	0.11 %			
						4 kHz to 10 kHz	0.07 %			
						10 kHz to 100 kHz	0.13 %			
		1	mH	to 1	H	100 Hz to 200 Hz	0.48 %			
						200 Hz to 500 Hz	0.2 %			
						500 Hz to 1 kHz	0.13 %			
						1 kHz to 20 kHz	0.09 %			
		1	H	to 20	H	100 Hz to 200 Hz	0.18 %			
						200 Hz to 1 kHz	0.14 %			

Accredited entity according to ČSN EN ISO/IEC 17025:2018:

Institut pro testování a certifikaci, a. s.
CAB number 2222, Calibration Laboratory
Sokolovská 573, 686 01 Uherské Hradiště

Ord. number[1]	Calibrated quantity / Subject of calibration	Nominal range				Parameter(s) of the measurand	Lowest stated expanded mesurement uncertainty[2]	Calibration principle	Calibration procedure identification[3]	Location
		min.	unit	max.	unit					
		20 H	to	100 H		100 Hz to 200 Hz	0.2 %			
						200 Hz to 1 kHz	0.16 %			
26*	Inductance / RLCG bridges, meters, testing and inspection instruments and their parts							Direct measurement on inductance standards, two- or three-terminal connection	KP 31/E	1
				1	µH	1 kHz	4 %			
				2	µH	1 kHz	1 %			
						10 kHz	0.5 %			
						100 kHz	0.3 %			
				20	µH	1 kHz	0.2 %			
				100	µH	1 kHz	0.25 %			
				200	µH	1 kHz	1 %			
				500	µH	1 kHz	0.1 %			
				1	mH	1 kHz	0.1 %			
				2	mH	1 kHz	0.2 %			
				5	mH	1 kHz	0.2 %			
				10	mH	1 kHz	025 %			
				20	mH	1 kHz	0.5 %			
				50	mH	1 kHz	0.1 %			
				100	mH	1 kHz	0.6 %			
				200	mH	1 kHz	0.1 %			
				1	H	1 kHz	0.05 %			
				10	H	1 kHz	0.1 %			
27*	AC resistance, impedance / RLCG bridges, meters, testing and inspection instruments and their parts							Direct measurement on impedance standards, four-terminal connection	KP 31/E	1
				0.1	Ω	0 Hz	0.017 %			
						0 Hz to 100 Hz	0.21 %			
						100 Hz to 1 kHz	0.32 %			

Accredited entity according to ČSN EN ISO/IEC 17025:2018:

Institut pro testování a certifikaci, a. s.
CAB number 2222, Calibration Laboratory
Sokolovská 573, 686 01 Uherské Hradiště

Ord. number[1]	Calibrated quantity / Subject of calibration	Nominal range min.	unit	max.	unit	Parameter(s) of the measurand	Lowest stated expanded mesurement uncertainty[2]	Calibration principle	Calibration procedure identification[3]	Location
						1 kHz to 20 kHz	1.8 %			
						20 kHz to 100 kHz	5.7 %			
						100 kHz	3.2 %			
				1	Ω	0 Hz	0.005 %			
						0 Hz to 1 kHz	0.06 %			
						1 kHz to 100 kHz	0.26 %			
						100 kHz to 1 MHz	0.92 %			
						1 MHz	0.53 %			
				10	Ω	0 Hz	0.005 %			
						0 Hz to 1 kHz	0.03 %			
						1 kHz to 100 kHz	0.04 %			
						100 kHz	0.06 %			
						100 kHz to 1 MHz	0.15 %			
						1 MHz	0.1 %			
				100	Ω	0 Hz	0.005 %			
						0 Hz to 100 kHz	0.03 %			
						100 kHz	0.06 %			
						100 kHz to 1 MHz	0.58 %			
						1 MHz to 10 MHz	0.5 %			
						10 MHz to 50 MHz	12 %			
				1	kΩ	0 Hz	0.005 %			
						0 Hz to 1 kHz	0.02 %			
						1 kHz to 100 kHz	0.05 %			
						100 kHz to 2 MHz	0.11 %			
				10	kΩ	0 Hz	0.17 %			
						0 Hz to 1 kHz	0.02 %			
						1 kHz to 100 kHz	0.06 %			
						100 kHz to 2 MHz	1.4 %			

Accredited entity according to ČSN EN ISO/IEC 17025:2018:

Institut pro testování a certifikaci, a. s.
CAB number 2222, Calibration Laboratory
Sokolovská 573, 686 01 Uherské Hradiště

Ord. number[1]	Calibrated quantity / Subject of calibration	Nominal range min.	unit	max.	unit	Parameter(s) of the measurand	Lowest stated expanded mesurement uncertainty[2]	Calibration principle	Calibration procedure identification[3]	Location
						2 MHz	0.52 %			
				100	kΩ	0 Hz	0.017 %			
						0 Hz to 1 kHz	0.02 %			
						1 kHz to 100 kHz	0.25 %			
						100 kHz	0.09 %			
						100 kHz to 1 MHz	16 %			
						1 MHz	0.31 %			
				1	MΩ	0 Hz	0.01 %			
						0 Hz to 1 kHz	0.06 %			
						1 kHz to 20 kHz	0.26 %			
						20 kHz to 200 kHz	2.5 %			
						200 kHz	1.9 %			
				10	MΩ	0 Hz	0.06 %			
						0 Hz to 100 Hz	0.44 %			
						100 Hz to 400 Hz	0.5 %			
						400 Hz to 1 kHz	0.9 %			
				100	MΩ	100 Hz	0.15 %			
						100 Hz to 1 kHz	0.32 %			
						1 kHz to 20 kHz	0.9 %			
28*	AC resistance, impedance / impedance standards and calibrators, testing and inspection instruments and their parts.	0.1	mΩ to	1	Ω	20 Hz to 50 Hz	0.015 Ω	Direct measurement using a standard RLC bridge	KP 32/E	1
						50 Hz to 100 Hz	0.006 Ω			
						100 Hz to 500 Hz	0.003 Ω			
						500 Hz to 1 kHz	0.002 Ω			
						1 kHz to 10 kHz	0.002 Ω			
						10 kHz to 100 kHz	0.002 Ω			

Accredited entity according to ČSN EN ISO/IEC 17025:2018:

Institut pro testování a certifikaci, a. s.
CAB number 2222, Calibration Laboratory
Sokolovská 573, 686 01 Uherské Hradiště

Ord. num-ber[1]	Calibrated quantity / Subject of calibration	Nominal range				Parameter(s) of the measurand	Lowest stated expanded mesurement uncertainty[2]	Calibration principle	Calibration procedure identification[3]	Loca-tion
		min.	unit	max.	unit					
						100 kHz to 500 kHz	0.006 Ω			
						500 kHz to 1 MHz	0.01 Ω			
		1 Ω	to	10 Ω		20 Hz to 50 Hz	1.4 %			
						50 Hz to 100 Hz	0.61 %			
						100 Hz to 500 Hz	0.35 %			
						500 Hz to 1 kHz	0.15 %			
						1 kHz to 10 kHz	0.12 %			
						10 kHz to 100 kHz	0.19 %			
						100 kHz to 500 kHz	0.6 %			
						500 kHz to 1 MHz	1 %			
		10 Ω	to	100 Ω		20 Hz to 50 Hz	0.58 %			
						50 Hz to 100 Hz	0.27 %			
						100 Hz to 500 Hz	0.16 %			
						500 Hz to 10 kHz	0.08 %			
						10 kHz to 100 kHz	0.11 %			
						100 kHz to 500 kHz	0.25 %			
						500 kHz to 1 MHz	0.41 %			
					100 Ω	2 MHz	0.3 %			
		100 Ω	to	1 kΩ		20 Hz to 50 Hz	0.5 %			
						50 Hz to 100 Hz	0.25 %			
						100 Hz to 500 Hz	0.15 %			
						500 Hz to 10 kHz	0.07 %			
						10 kHz to 100 kHz	0.08 %			
						100 kHz to 500 kHz	0.21 %			
						500 kHz to 1 MHz	0.4 %			
					1 kΩ	2 MHz	0.2 %			
		1 kΩ	to	10 kΩ		20 Hz to 50 Hz	0.51 %			
						50 Hz to 100 Hz	0.25 %			

Accredited entity according to ČSN EN ISO/IEC 17025:2018:

Institut pro testování a certifikaci, a. s.
CAB number 2222, Calibration Laboratory
Sokolovská 573, 686 01 Uherské Hradiště

Ord. number[1]	Calibrated quantity / Subject of calibration	Nominal range min.	unit		max.	unit	Parameter(s) of the measurand	Lowest stated expanded mesurement uncertainty[2]	Calibration principle	Calibration procedure identification[3]	Location
							100 Hz to 500 Hz	0.18 %			
							500 Hz to 10 kHz	0.13 %			
							10 kHz to 100 kHz	0.18 %			
							100 kHz to 500 kHz	0.22 %			
							500 kHz to 1 MHz	0.4 %			
					10	kΩ	2 MHz	0.3 %			
		10	kΩ	to	100	kΩ	20 Hz to 50 Hz	0.51 %			
							50 Hz to 100 Hz	0.25 %			
							100 Hz to 500 Hz	0.18 %			
							500 Hz to 10 kHz	0.13 %			
							10 kHz to 100 kHz	0.18 %			
							100 kHz to 500 kHz	0.22 %			
							500 kHz to 1 MHz	0.4 %			
		0.1	MΩ	to	1	MΩ	20 Hz to 50 Hz	2.3 %			
							50 Hz to 100 Hz	1 %			
							100 Hz to 500 Hz	0.6 %			
							500 Hz to 1 kHz	0.24 %			
							1 kHz to 10 kHz	0.18 %			
							10 kHz to 100 kHz	0.31 %			
							100 kHz to 500 kHz	0.9 %			
							500 kHz to 1 MHz	1.6 %			
		1	MΩ	to	2	MΩ	20 Hz to 50 Hz	4.2 %			
							50 Hz to 100 Hz	1.8 %			
							100 Hz to 500 Hz	1 %			
							500 Hz to 1 kHz	0.4 %			
							1 kHz to 10 kHz	0.3 %			
							10 kHz to 100 kHz	0.48 %			
							100 kHz to 500 kHz	1.6 %			

Accredited entity according to ČSN EN ISO/IEC 17025:2018:

Institut pro testování a certifikaci, a. s.
CAB number 2222, Calibration Laboratory
Sokolovská 573, 686 01 Uherské Hradiště

Ord. number[1]	Calibrated quantity / Subject of calibration	Nominal range min.	unit		max.	unit	Parameter(s) of the measurand	Lowest stated expanded mesurement uncertainty[2]	Calibration principle	Calibration procedure identification[3]	Location
							500 kHz to 1 MHz	2.9 %			
		2	MΩ	to	5	MΩ	20 Hz to 50 Hz	9.6 %			
							50 Hz to 100 Hz	4.1 %			
							100 Hz to 500 Hz	2.3 %			
							500 Hz to 1 kHz	0.83 %			
							1 kHz to 10 kHz	0.65 %			
							10 kHz to 100 kHz	1.1 %			
							100 kHz to 500 kHz	3.5 %			
							500 kHz to 1 MHz	6.6 %			
		5	MΩ	to	10	MΩ	100 Hz to 500 Hz	4.5 %			
							500 Hz to 1 kHz	1.6 %			
							1 kHz to 10 kHz	1.3 %			
							10 kHz to 100 kHz	2.1 %			
		10	MΩ	to	20	MΩ	100 Hz to 500 Hz	8.7 %			
							500 Hz to 1 kHz	3.1 %			
							1 kHz to 10 kHz	2.4 %			
							10 kHz to 100 kHz	4 %			
		20	MΩ	to	50	MΩ	500 Hz to 1 kHz	7.7 %			
							1 kHz to 10 kHz	5.9 %			
							10 kHz to 50 kHz	7.1 %			
		50	MΩ	to	100	MΩ	1 kHz to 2 kHz	12 %			
							2 kHz to 10 kHz	10 %			
29*	Insulation resistance / inspection instruments, electrical strength testers								Direct measurement on a calibrator of inspection instruments	KP 5/E	1
		100	kΩ	to	1	MΩ		0.14 %			
		1	MΩ	to	10	MΩ		0.21 %			
		10	MΩ	to	1	GΩ		0.36 %			
		1	GΩ	to	100	GΩ		0.83 %			

Accredited entity according to ČSN EN ISO/IEC 17025:2018:

Institut pro testování a certifikaci, a. s.
CAB number 2222, Calibration Laboratory
Sokolovská 573, 686 01 Uherské Hradiště

Ord. number[1]	Calibrated quantity / Subject of calibration	Nominal range				Parameter(s) of the measurand	Lowest stated expanded mesurement uncertainty[2]	Calibration principle	Calibration procedure identification[3]	Location
		min.	unit		max. unit					
		100 GΩ	to	1 TΩ			1.5 %			
	Transition resistance / inspection instruments, multifunctional electrical safety testers	5 mΩ	to	15 mΩ			0.08 mΩ	Direct measurement on a calibrator of inspection instruments		
		0.1 Ω	to	0.2 Ω			0.0074 Ω			
		0.2 Ω	to	0.5 Ω			0.008 Ω			
		0.5 Ω	to	1 Ω			0.0096 Ω			
		1 Ω	to	3 Ω			0.013 Ω			
		3 Ω	to	5 Ω			0.44 %			
		5 Ω	to	10 Ω			0.27 %			
		10 Ω	to	50 Ω			0.21 %			
		50 Ω	to	200 Ω			0.16 %			
		200 Ω	to	10 kΩ			0.14 %			
	Earth resistance, protective conductor resistance / inspection instruments, resistance meters	0.5 mΩ	to	5 mΩ			0.14 mΩ	Direct measurement on a calibrator of inspection instruments		
		5 mΩ	to	30 mΩ			0.77 mΩ			
		30 mΩ	to	60 mΩ			1.9 mΩ			
		60 mΩ	to	100 mΩ			2 mΩ			
		100 mΩ	to	400 mΩ			3.6 mΩ			
		400 mΩ	to	600 mΩ			3.5 mΩ			
		600 mΩ	to	1 Ω			8.4 mΩ			
		1 Ω	to	3 Ω			0.018 Ω			
		3 Ω	to	6 Ω			0.019 Ω			
		6 Ω	to	10 Ω			0.031 Ω			
		10 Ω	to	30 Ω			0.034 Ω			
		30 Ω	to	60 Ω			0.21 Ω			

Accredited entity according to ČSN EN ISO/IEC 17025:2018:

Institut pro testování a certifikaci, a. s.
CAB number 2222, Calibration Laboratory
Sokolovská 573, 686 01 Uherské Hradiště

Ord. num-ber[1]	Calibrated quantity / Subject of calibration	Nominal range min.	unit		max.	unit	Parameter(s) of the measurand	Lowest stated expanded mesurement uncertainty[2]	Calibration principle	Calibration procedure identification[3]	Loca-tion
		60	Ω	to	100	Ω		0.35 Ω			
		100	Ω	to	300	Ω		0.69 Ω			
		300	Ω	to	600	Ω		1.8 Ω			
		600	Ω	to	1,000	Ω		3.5 Ω			
		1,000	Ω	to	2,000	Ω		6.7 Ω			
	Tripping loop and network impedance / inspection instruments, impedance meters	20	mΩ	to	40	mΩ	40 Hz to 60 Hz	5.4 mΩ	Direct measurement on a calibrator of inspection instruments		
		40	mΩ	to	80	mΩ		5.7 mΩ			
		80	mΩ	to	200	mΩ		5.6 mΩ			
		200	mΩ	to	400	mΩ		6.3 mΩ			
		400	mΩ	to	600	mΩ		6.2 mΩ			
		600	mΩ	to	1	Ω		8.9 mΩ			
		1	Ω	to	3	Ω		0.019 Ω			
		3	Ω	to	6	Ω		0.032 Ω			
		6	Ω	to	10	Ω		0.056 Ω			
		10	Ω	to	30	Ω		0.1 Ω			
		30	Ω	to	60	Ω		0.3 Ω			
		60	Ω	to	100	Ω		0.55 Ω			
		100	Ω	to	300	Ω		1.1 Ω			
		300	Ω	to	600	Ω		2.9 Ω			
		600	Ω	to	1,000	Ω		5.6 Ω			
		1,000	Ω	to	2,000	Ω		11 Ω			
	Tripping current / inspection instruments	0	mA	to	0.2	mA	40 Hz to 60 Hz	0.0015 mA	Direct measurement on a calibrator of inspection instruments		
		0.2	mA	to	0.5	mA		1.2 %			
		0.5	mA	to	1	mA		1.1 %			

Accredited entity according to ČSN EN ISO/IEC 17025:2018:

Institut pro testování a certifikaci, a. s.
CAB number 2222, Calibration Laboratory
Sokolovská 573, 686 01 Uherské Hradiště

Ord. number[1]	Calibrated quantity / Subject of calibration	Nominal range				Parameter(s) of the measurand	Lowest stated expanded mesurement uncertainty[2]	Calibration principle	Calibration procedure identification[3]	Location
		min.	unit		max. unit					
		1 mA	to	3,000	mA		1 %			
	Leakage current / inspection instruments, leakage current meters							Comparison with a reference multimeter		
		0 mA	to	0.1	mA	40 Hz to 60 Hz	0.10 % + 0.00004 mA			
		0.1 mA	to	1	mA		0.10 % + 0.00040 mA			
		1 mA	to	10	mA		0.10 % + 0.0040 mA			
		10 mA	to	30	mA		0,10 % + 0.040 mA			
30*	Non-linear distortion THD, THF / distortion meters and analyzers, signal analyzers, radiocommunication testers, testing and inspection instruments and their parts for fundamental harmonic level U_{P-P} = (7 to 20) V					Fundamental harmonic		Direct measurement on a standard distortion generator	KP 22/E	1
		0.1 %	to	0.3	%	20 Hz to 50 kHz	2.0 % + 0.039 % (abs.)			
						50 kHz to 100 kHz	2.3 % + 0.039 % (abs.)			
						100 kHz to 200 kHz	2.9 % + 0.039 % (abs.)			
		0.3 %	to	1	%	20 Hz to 1 kHz	7.0 % + 0.033 % (abs.)			
						1 kHz to 50 kHz	4.1 % + 0.033 % (abs.)			
						50 kHz to 100 kHz	5.5 % + 0.033 % (abs.)			
						100 kHz to 200 kHz	7.0 % + 0.030 % (abs.)			
		1 %	to	10	%	20 Hz to 50 kHz	18 % + 0.010 % (abs.)			
						50 kHz to 100 kHz	14 % + 0.012 % (abs.)			
						100 kHz to 200 kHz	20 % + 0.010 % (abs.)			
		10 %	to	40	%	20 Hz to 1 kHz	20 % + 0.10 % (abs.)			
						1 kHz to 50 kHz	20 % + 0.15 % (abs.)			
						50 kHz to 100 kHz	20 % + 0.020 % (abs.)			
					0 %	20 Hz to 50 kHz	0.010 % (abs.)			

Accredited entity according to ČSN EN ISO/IEC 17025:2018:

Institut pro testování a certifikaci, a. s.
CAB number 2222, Calibration Laboratory
Sokolovská 573, 686 01 Uherské Hradiště

Ord. num-ber[1]	Calibrated quantity / Subject of calibration	Nominal range min.	unit	max.	unit	Parameter(s) of the measurand	Lowest stated expanded mesurement uncertainty[2]	Calibration principle	Calibration procedure identification[3]	Loca-tion
						50 kHz	0.031 % (abs.)			
						100 kHz	0.054 % (abs.)			
				0.1	%	20 Hz	0.012 % (abs.)			
						50 Hz	0.012 % (abs.)			
						100 Hz	0.012 % (abs.)			
						1 kHz	0.012 % (abs.)			
						5 kHz	0.012 % (abs.)			
						10 kHz	0.012 % (abs.)			
						50 kHz	0.026 % (abs.)			
						100 kHz	0.026 % (abs.)			
				1	%	20 Hz	0.10 % (abs.)			
						50 Hz	0.10 % (abs.)			
						100 Hz	0.10 % (abs.)			
						1 kHz	0.10 % (abs.)			
						5 kHz	0.10 % (abs.)			
						10 kHz	0.10 % (abs.)			
						50 kHz	0.025 % (abs.)			
						100 kHz	0.025 % (abs.)			
				10	%	20 Hz	1.0 % (abs.)			
						50 Hz	1.0 % (abs.)			
						100 Hz	1.0 % (abs.)			
						1 kHz	1.0 % (abs.)			
						5 kHz	1.0 % (abs.)			
						10 kHz	1.0 % (abs.)			
						50 kHz	2.5 % (abs.)			
						100 kHz	2.5 % (abs.)			

Accredited entity according to ČSN EN ISO/IEC 17025:2018:

Institut pro testování a certifikaci, a. s.
CAB number 2222, Calibration Laboratory
Sokolovská 573, 686 01 Uherské Hradiště

Ord. number[1]	Calibrated quantity / Subject of calibration	Nominal range				Parameter(s) of the measurand		Lowest stated expanded mesurement uncertainty[2]	Calibration principle	Calibration procedure identification[3]	Location
		min.	unit	max.	unit						
31*	Non-linear distortion of THF signals with levels from 150 mV to 300 V / signal generators, sources, oscillators, radiocommunication testers, testing and inspection instruments and their parts					Fundamental harmonic:	Bandwidth measurement:		Direct measurement using a standard distortion analyzer	KP 22/E	1
		0 %	to	0.1 %		10 Hz to 1 kHz	80 kHz	29.0 % + 0.01 % (abs.)			
						1 kHz to 10 kHz	80 kHz	30.0 % + 0.01 % (abs.)			
						10 kHz to 20 kHz	80 kHz	36.0 % + 0.01 % (abs.)			
		0.1 %	to	0.3 %		10 Hz to 10 kHz	80 kHz	18.0 %			
						10 kHz to 20 kHz	80 kHz	19.0 %			
						20 kHz to 50 kHz	80 kHz	39.0 %			
		0.3 %	to	1 %		10 Hz to 20 kHz	80 kHz	16.0 %			
						20 kHz to 50 kHz	500 kHz	27.0 %			
						50 kHz to 100 kHz	500 kHz	30.0 %			
		1 %	to	3 %		10 Hz to 20 kHz	80 kHz	15.0 %			
						20 kHz to 50 kHz	500 kHz	22.0 %			
						50 kHz to 100 kHz	500 kHz	23.0 %			
		3 %	to	10 %		10 Hz to 10 kHz	80 kHz	14.0 %			
						10 kHz to 20 kHz	500 kHz	15.0 %			
						20 kHz to 100 kHz	500 kHz	21.0 %			
		10 %	to	40 %		20 Hz to 20 kHz	80 kHz	14.0 %			
						20 kHz to 100 kHz	500 kHz	20.0 %			
32	Impedance module (complex) / standards, impedance elements, coupling networks, artificial networks, filters	0 Ω	to	10 Ω		9 kHz to 500 MHz		0.5 Ω	Measurement by a vector network analyzer[8]	KP 33/E	1

Accredited entity according to ČSN EN ISO/IEC 17025:2018:

Institut pro testování a certifikaci, a. s.
CAB number 2222, Calibration Laboratory
Sokolovská 573, 686 01 Uherské Hradiště

Ord. number[1]	Calibrated quantity / Subject of calibration	Nominal range min.	unit		Nominal range max.	unit	Parameter(s) of the measurand	Lowest stated expanded mesurement uncertainty[2]	Calibration principle	Calibration procedure identification[3]	Location
		10	Ω	to	13	Ω		5.0 %			
		13	Ω	to	16	Ω		4.0 %			
		16	Ω	to	20	Ω		3.5 %			
		20	Ω	to	30	Ω		3.0 %			
		30	Ω	to	40	Ω		2.0 %			
		40	Ω	to	70	Ω		1.9 %			
		70	Ω	to	85	Ω		2.0 %			
		85	Ω	to	100	Ω		2.5 %			
		100	Ω	to	120	Ω		3.0 %			
		120	Ω	to	170	Ω		4.0 %			
		170	Ω	to	220	Ω		5.0 %			
		220	Ω	to	270	Ω		6.0 %			
		270	Ω	to	300	Ω		7.0 %			
		300	Ω	to	350	Ω		8.0 %			
		350	Ω	to	400	Ω		9.0 %			
	Impedance phase (complex) / standards, impedance elements, coupling networks, artificial networks, filters	-360	°	to	+360	°		1.7°	Measurement by a vector network analyzer[8]		
33	Reflection coefficient modulus / HF instruments, HV circuit elements, scalar and vector meters	0.000		to	0.178		9 kHz to 2 GHz 2 GHz to 6 GHz	0.009 (abs.) 0.015 (abs.)	Measurement by a vector network analyzer[8]	KP 33/E	1
		0.178		to	0.500		9 kHz to 2 GHz 2 GHz to 6 GHz	3.5 % 5.5 %			
		0.500		to	0.708		9 kHz to 2 GHz 2 GHz to 6 GHz	3.0 % 4.0 %			
		0.708		to	1.000		9 kHz to 2 GHz	2.5 %			

Accredited entity according to ČSN EN ISO/IEC 17025:2018:

Institut pro testování a certifikaci, a. s.
CAB number 2222, Calibration Laboratory
Sokolovská 573, 686 01 Uherské Hradiště

Ord. num-ber[1]	Calibrated quantity / Subject of calibration	Nominal range				Parameter(s) of the measurand		Lowest stated expanded mesurement uncertainty[2]		Calibration principle	Calibration procedure identification[3]	Loca-tion
		min.	unit	max.	unit							
						2 GHz to 6 GHz		4.0 %				
34	Reflection coefficient phase / HF instruments, HV circuit elements, vector meters	-360 °	to	+360 °		Reflection coefficient	Frequency	Reflection coefficient		Measurement by a vector network analyzer[8]	KP 33/E	**1**
						0.009 to 0.018	9 kHz to 2 GHz	0,009 to 0,018	42.0 °			
							2 GHz to 6 GHz		55.0 °			
						0.018 to 0.056	9 kHz to 2 GHz	0,018 to 0,056	20.0 °			
							2 GHz to 6 GHz		42.0 °			
						0.056 to 0.178	9 kHz to 2 GHz	0,056 to 0,178	6.0 °			
							2 GHz to 6 GHz		13.0 °			
								0.178 to 0.5				
						0.178 to 0,5	9 kHz to 2 GHz		2.0°			
							2 GHz to 6 GHz		4.0°			
						0.5 to 1	9 kHz to 1 GHz	0,5 to 1	1.0 °			
							1 GHz to 2 GHz		1.3 °			
							2 GHz to 3 GHz		2.0 °			
							3 GHz to 5 GHz		3.0 °			
							5 GHz to 6 GHz		3.5 °			
35	DC power / DC wattmeters and DC power meters	40 µW	to	5.6 kW		0.2 V to 280 V	0.2 mA to 20 A	0.021 %	0.021 %	Comparison with indirectly measured reference performance	KP 9/E	1
36	DC power / DC power generators and sources	10 µW	to	100 kW		0.1 V to 1 kV	0.1 A to 100 A	0.0049 %	0.0049 %	Indirect power measurement by measuring voltage and current with two reference multimeters	KP 9/E	1

Accredited entity according to ČSN EN ISO/IEC 17025:2018:

Institut pro testování a certifikaci, a. s.
CAB number 2222, Calibration Laboratory
Sokolovská 573, 686 01 Uherské Hradiště

Ord. number[1]	Calibrated quantity / Subject of calibration	Nominal range				Parameter(s) of the measurand		Lowest stated expanded mesurement uncertainty[2]	Calibration principle	Calibration procedure identification[3]	Location
		min.	unit	max.	unit						
37	AC active power / AC wattmeters and AC power meters in the range 0.2 V to 280 V; 0.2 mA to 20 A; 15 Hz to 1 kHz; 0° to 360°	0 W	to	5.6 kW				0.73 mW/VA	Generation by a reference power calibrator	KP 9/E	1
38	AC apparent power / AC wattmeters and AC power meters in the range 0.2 V to 280 V; 0.2 mA to 20 A; 15 Hz to 1 kHz	40 µVA	to	5.6 kVA				0.75 mVA/VA	Generation by a reference power calibrator	KP 9/E	1
39	AC reactive power / AC wattmeters and AC power meters in the range 0.2 V to 280 V; 0.2 mA to 20 A; 15 Hz to 1 kHz; 0° to 360°	0 var	to	5.6 kvar				0.73 mvar/VA	Generation by a reference power calibrator	KP 9/E	1
40	AC active power / AC power generators and sources in the range 0.1 V to 700 V; 0° to 360°	0 W	to	70 W		0.01 A to 0.1 A	40 Hz to 1 kHz	0.97 mW/VA	Measurement by a digital sampling wattmeter	KP 9/E	1
		0 W	to	11.2 kW		0.1 A to 16 A	15 Hz to 1 kHz				
		0 W	to	70 kW		16 A to 100 A	40 Hz to 1 kHz				
41	AC apparent power / AC power generators and sources in the range 0.1 V to 700 V	1 mVA	to	70 VA		0.01 A to 0.1 A	40 Hz to 1 kHz	0.97 mVA/VA	Measurement by a reference digital sampling wattmeter	KP 9/E	1
		10 mVA	to	11.2 kVA		0.1 A to 16 A	15 Hz to 1 kHz				
		1.6 VA	to	700 kVA		16 A to 100 A	40 Hz to 1 kHz				
42	AC reactive power / AC power generators and sources in the range 0.1 V to 700 V; 0° to 360°	0 var	to	70 var		0.01 A to 0.1 A	40 Hz to 1 kHz	0.97 mvar/VA	Measurement by a reference digital sampling wattmeter	KP 9/E	1

Accredited entity according to ČSN EN ISO/IEC 17025:2018:

Institut pro testování a certifikaci, a. s.
CAB number 2222, Calibration Laboratory
Sokolovská 573, 686 01 Uherské Hradiště

Ord. number[1]	Calibrated quantity / Subject of calibration	Nominal range min.	unit		max.	unit	Parameter(s) of the measurand		Lowest stated expanded mesurement uncertainty[2]	Calibration principle	Calibration procedure identification[3]	Location
		0 var	to		11.2 kvar		0.1 A to 16 A	15 Hz to 1 kHz				
		0 var	to		70 kvar		16 A to 100 A	40 Hz to 1 kHz				
43	Phase angle/wattmeters and power meters in the range 0.2 V to 280 V; 0.2 mA to 20 A	0 °	to		360 °		15 Hz to 200 Hz		0.15°	Generation by a reference power calibrator	KP 9/E	1
							200 Hz to 1 kHz		0.25°			
44	Reflection coefficient modulus / scalar and vector reflection and impedance meters	0.00	to		0.03		APC7 Connector			Direct measurement of fixed reference elements[8]	KP 34/E	1
							100 kHz to 3 GHz		0.004 abs.			
							N Connector					
							100 kHz to 3 GHz		0.004 abs.			
							3 GHz to 6 GHz		0.006 abs.			
		0.95	to		1		APC7 Connector					
							100 kHz to 1.5 GHz		0.005 abs.			
							1.5 GHz to 2.8 GHz		0.007 abs.			
							2.8 GHz to 3.0 GHz		0.008 abs.			
							N Connector					
							100 kHz to 2 GHz		0.014 abs.			
							2 GHz to 6 GHz		0.026 abs.			
45	Reflection coefficient phase / vector reflection and impedance meters	-180 °	to		+180 °		Module 0.95 to 1 APC7 Connector			Direct measurement of fixed reference elements[8]	KP 34/E	1
							100 kHz to 1.8 GHz		0.3°			
							1.8 GHz to 3.0 GHz		0.35°			
							N Connector					
							100 kHz to 3.0 GHz		0.4°			
							3.0 GHz to 6.0 GHz		0.8°			

[1] Asterisk at the ordinal number identifies the calibrations, which the Laboratory is qualified to carry out outside the permanent laboratory premises.

Accredited entity according to ČSN EN ISO/IEC 17025:2018:

Institut pro testování a certifikaci, a. s.
CAB number 2222, Calibration Laboratory
Sokolovská 573, 686 01 Uherské Hradiště

[2] The expanded measurement uncertainty is in accordance with ILAC-P14 and EA-4/02 M a part of CMC and it is the lowest value of the respective uncertainty. If not stated otherwise, its coverage probability is approx. 95 %. If not stated otherwise, the uncertainty values stated without a unit are relative to the measured value. The uncertainty value stated herein is based on the best conditions achievable by the laboratory; the uncertainty value of a specific calibration may be higher depending on the conditions of such a calibration. For identical extreme values of adjacent ranges, the lower uncertainty value always applies.

[3] If the document identifying the calibration procedure is dated only these specific procedures are used. If the document identifying the calibration procedure is not dated, the latest edition of the specified procedure is used (including any changes).

[4] CMC is given for a signal with fundamental and selectable n-th harmonic. n = (2 to 100) for frequencies up to 1 kHz, n = (2 to 10) for frequencies over 1 kHz.

[5] It does not apply to overshoot in steep-edge pulse waveforms.

[6] Applies to N (m) connector and matched sources (meters).

[7] The uncertainty is given as a percentage of the modulation swing value.

[8] Connection in the measurement plane of the "N" connector; characteristic impedance = 50 Ω

Accredited entity according to ČSN EN ISO/IEC 17025:2018:

Institut pro testování a certifikaci, a. s.
CAB number 2222, Calibration Laboratory
Sokolovská 573, 686 01 Uherské Hradiště

CMC for the field of measured quantity: Optical quantities

Ord. number[1]	Calibrated quantity / Subject of calibration	Nominal range min.	unit		max.	unit	Parameter(s) of the measurand	Lowest stated expanded mesurement uncertainty[2]	Calibration principle	Calibration procedure identification [3]	Loca-tion
1*	UV-VIS-NIR absorbance (transmittance) / photometers and spectrometers, Elisa readers, solid and liquid filters for the control of absorbance, stray light and spectral resolution						wavelength:		Direct measurement and comparison by standard filters and CRM	KP 1/S	1
		0.1	to		0.3		235 nm	0.0030 abs.			
							257 nm	0.0030 abs.			
							302 nm	0.0025 abs.			
							313 nm	0.0025 abs.			
							345 nm	0.0025 abs.			
							350 nm	0.0025 abs.			
							395 nm	0.0025 abs.			
							512 nm	0.0040 abs.			
							678 nm	0.0030 abs.			
		0.3	to		0.6		235 nm	0.0040 abs.			
							257 nm	0.0040 abs.			
							302 nm	0.0090 abs.			
							313 nm	0.0040 abs.			
							345 nm	0.0040 abs.			
							350 nm	0.0040 abs.			
							395 nm	0.0080 abs.			
							512 nm	0.0055 abs.			
							678 nm	0.0040 abs.			
		0.6	to		1.6		235 nm	0.0050 abs.			
							257 nm	0.0050 abs.			
							302 nm	0.0098 abs.			

Accredited entity according to ČSN EN ISO/IEC 17025:2018:

Institut pro testování a certifikaci, a. s.
CAB number 2222, Calibration Laboratory
Sokolovská 573, 686 01 Uherské Hradiště

Ord. number[1]	Calibrated quantity / Subject of calibration	Nominal range min.	unit	to	max.	unit	Parameter(s) of the measurand	Lowest stated expanded mesurement uncertainty[2]	Calibration principle	Calibration procedure identification [3]	Loca-tion
							345 nm	0.0050 abs.			
							350 nm	0.0050 abs.			
							395 nm	0.0090 abs.			
							512 nm	0.0060 abs.			
							678 nm	0.0040 abs.			
		1.6		to	5.0		190 nm to 390 nm	0.010 abs.			
		0.03 (93.3 %		to to	0.6 25.1 %)		250 nm to 400 nm	0.0045 abs. (1.1 % abs.)	Direct measurement with standard filters, comparison with standard filters		
		0.6 (25.1 %		to to	1.1 8 %)		250 nm to 400 nm	0.0050 abs. (1.2 % abs.)			
		0 (100 %		to to	0.4 40 %)		396 nm to 401 nm 401 nm to 406 nm 406 nm to 420 nm	0.0060 abs. (1.4 % abs.) 0.0030 abs. (0.7 % abs.) 0.0030 abs. (0.7 % abs.)			
		0.4 (40 %		to to	0.8 16 %)		396 nm to 401 nm 401 nm to 406 nm 406 nm to 420 nm	0.0030 abs. (0.7 % abs.) 0.0030 abs. (0.7 % abs.) 0.0030 abs. (0.7 % abs.)			
		0.8 (16 %		to to	1.2 6.3 %)		396 nm to 401 nm 401 nm to 406 nm	0.013 abs. (3.0 % abs.) 0.0050 abs.			

Accredited entity according to ČSN EN ISO/IEC 17025:2018:

Institut pro testování a certifikaci, a. s.
CAB number 2222, Calibration Laboratory
Sokolovská 573, 686 01 Uherské Hradiště

Ord. number[1]	Calibrated quantity / Subject of calibration	Nominal range min.	unit	to	max.	unit	Parameter(s) of the measurand	Lowest stated expanded mesurement uncertainty[2]	Calibration principle	Calibration procedure identification [3]	Loca-tion
							406 nm to 420 nm	(1.2 % abs.) 0.0050 abs. (1.2 % abs.)			
		1.2 (6.3 %		to to	1.6 2.5 %)		396 nm to 401 nm 401 nm to 406 nm 406 nm to 420 nm	0.0060 abs. (2.1 % abs.) 0.026 abs. (5.9 % abs.) 0.0090 abs. (1.4 % abs.)			
		1.6 (2.5 %		to to	2.8 0.16 %)		396 nm to 401 nm 401 nm to 406 nm 406 nm to 420 nm	0.030 abs. (6.7 % abs.) 0.010 abs. (1.9 % abs.) 0.0080 abs. (2.3 % abs.)			
		0 (100 %		to to	0.35 45 %)		420 nm to 460 nm 460 nm to 600 nm 600 nm to 860 nm	0.0035 abs. (0.9 % abs.) 0.0030 abs. (0.7 % abs.) 0.0035 abs. (0.9 % abs.)			
		0.35 (45 %		to to	0.7 20 %)		420 nm to 460 nm 460 nm to 600 nm 600 nm to 860 nm	0.0040 abs. (1.0 % abs.) 0.0030 abs. (0.7 % abs.) 0.0030 abs. (0.7 % abs.)			

Accredited entity according to ČSN EN ISO/IEC 17025:2018:

Institut pro testování a certifikaci, a. s.
CAB number 2222, Calibration Laboratory
Sokolovská 573, 686 01 Uherské Hradiště

Ord. number[1]	Calibrated quantity / Subject of calibration	Nominal range min. unit		Nominal range max. unit	Parameter(s) of the measurand	Lowest stated expanded mesurement uncertainty[2]	Calibration principle	Calibration procedure identification [3]	Loca-tion
		0.7 (20 %	to to	1.0 10 %)	420 nm to 460 nm 460 nm to 600 nm 600 nm to 860 nm	0.0050 abs. (1.2 % abs.) 0.0040 abs. (1.0 % abs.) 0.0040 abs. (1.0 % abs.)			
		1.0 (10 %	to to	1.2 6.3 %)	420 nm to 460 nm 460 nm to 600 nm 600 nm to 860 nm	0.0065 abs. (1.5 % abs.) 0.0050 abs. (1.2 % abs.) 0.0050 abs. (1.2 % abs.)			
		1.2 (6.3 %	to to	2.2 0.63 %)	420 nm to 460 nm 460 nm to 600 nm 600 nm to 860 nm	0.0080 abs. (1.9 % abs.) 0.006 abs. (1.5 % abs.) 0.0065 abs. (1.5 % abs.)			
		0 (100 %	to to	0.3 50.1 %)	860 nm to 950 nm	0.0035 abs. (0.9 % abs.)			
		0 (100 %	to to	0.3 50.1 %)	950 nm to 1,000 nm 1,000 nm to 1,500 nm	0.0035 abs. (0.9 % abs.) 0.0030 abs. (0.7 % abs.)			
		0.3 (50.1 %	to to	0.65 22.4 %)	860 nm to 950 nm 950 nm to 1,000 nm	0.0030 abs. (0.7 % abs.) 0.0055 abs.			

Accredited entity according to ČSN EN ISO/IEC 17025:2018:

Institut pro testování a certifikaci, a. s.
CAB number 2222, Calibration Laboratory
Sokolovská 573, 686 01 Uherské Hradiště

Ord. number[1]	Calibrated quantity / Subject of calibration	Nominal range min.	unit	to	max.	unit	Parameter(s) of the measurand	Lowest stated expanded mesurement uncertainty[2]	Calibration principle	Calibration procedure identification [3]	Loca-tion
							1,000 nm to 1,500 nm	(1.3 % abs.) 0.0060 abs. (1.4 % abs.)			
		0.65 (22.4 %		to to	0.8 16 %)		860 nm to 950 nm 950 nm to 1,000 nm 1,000 nm to 1,500 nm	0.0040 abs. (1.0 % abs.) 0.0055 abs. (1.3 % abs.) 0.0060 abs. (1.4 % abs.)			
		0.8 (16 %		to to	1.0 10 %)		860 nm to 950 nm 950 nm to 1,000 nm	0.0040 abs. (1.0 % abs.) 0.0040 abs. (1.0 % abs.)			
		1.0 (10 %		to to	1.4 4 %)		860 nm to 950 nm 950 nm to 1,000 nm	0.0050 abs. (1.2 % abs.) 0.0050 abs. (1.2 % abs.)			
2*	Absorbance ratio / spectral resolution of UV spectrometers, liquid filters	1.0		to	2.2		265 nm to 270 nm	0.0020 abs.	Direct measurement of CRM and calculation	KP 1/S	1
3*	UV-VIS-NIR wavelength / photometers and spectrometers, filters for controlling wavelengths and spectral resolution	200 nm 650 nm 900 nm		to to to	650 nm 900 nm 2,600 nm			0.035 nm 0.060 nm 0.5 nm	Direct measurement of CRM or standard filters, comparison with CRM	KP 1/S	1
4*	Wave number in the IR spectrum / IR and FTIR spectrometers	10,000 cm^{-1} 4,000 cm^{-1}		to to	4,000 cm^{-1} 400 cm^{-1}			0.60 cm^{-1} 0.30 cm^{-1}	Direct measurement of standard filters	KP 3/S	1, 3

Accredited entity according to ČSN EN ISO/IEC 17025:2018:

Institut pro testování a certifikaci, a. s.
CAB number 2222, Calibration Laboratory
Sokolovská 573, 686 01 Uherské Hradiště

Ord. number[1]	Calibrated quantity / Subject of calibration	Nominal range min.	unit		max.	unit	Parameter(s) of the measurand	Lowest stated expanded mesurement uncertainty[2]	Calibration principle	Calibration procedure identification [3]	Loca-tion
5*	Integral transmittance/fade and transmittance meters	18 %	to		100 %			0.7 %	Direct measurement of standard filters	KP 1/S	1
6*	Colorimetric coordinates / spectrophotometers for colour measurement						Lighting type: D65, Viewing angle: 2°, 10°		Direct measurement of colorimetric standards	KP 5/S	1
	L* =	1	to		5			0.5 abs.			
	L* =	5	to		100			0.1 abs.			
	a* =	-20	to		110			0.2 abs.			
	a* =	-40	to		-20			0.5 abs			
	b* =	-20	to		110			0.1 abs			
	b* =	-40	to		-20			0.25 abs.			
7*	Colorimetric coordinates/ Colorimetric standards and samples						Lighting type: D65, Viewing angle: 2°, 10°		Comparison with colorimetric standards	KP 5/S	1
	L* =	0	to		80			0.5 abs.			
	L* =	80	to		100			0.4 abs.			
	a* =	-90	to		-5			0.7 abs.			
	a* =	-5	to		+5			0.3 abs.			
	a* =	+5	to		110			0.6 abs.			
	b* =	-90	to		-5			0.7 abs.			
	b* =	-5	to		+5			0.5 abs.			
	b* =	+5	to		110			0.6 abs.			

[1] Asterisk at the ordinal number identifies the calibrations, which the Laboratory is qualified to carry out outside the permanent laboratory premises.

[2] The expanded measurement uncertainty is in accordance with ILAC-P14 and EA-4/02 M a part of CMC and it is the lowest value of the respective uncertainty. If not stated otherwise, its coverage probability is approx. 95 %. If not stated otherwise, the uncertainty values stated without a unit are relative to the measured value. The uncertainty value stated herein is based on the best conditions achievable by the laboratory; the uncertainty value of a specific calibration may be higher depending on the conditions of such a calibration. For identical extreme values of adjacent ranges, the lower uncertainty value always applies.

[3] If the document identifying the calibration procedure is dated only these specific procedures are used. If the document identifying the calibration procedure is not dated, the latest edition of the specified procedure is used (including any changes).

Accredited entity according to ČSN EN ISO/IEC 17025:2018:

Institut pro testování a certifikaci, a. s.
CAB number 2222, Calibration Laboratory
Sokolovská 573, 686 01 Uherské Hradiště

CMC for the field of measured quantity: Time and frequency quantities

Ord. number[1]	Calibrated quantity / Subject of calibration	Nominal range min.	unit		max.	unit	Parameter(s) of the measurand	Lowest stated expanded mesurement uncertainty[2]	Calibration principle	Calibration procedure identification[3]	Loca-tion
1*	Frequency / frequency counters, meters, measuring receivers, oscilloscopes, spectral, modulation and frequency analyzers, radiocommunication and radio navigation testers, simulators and imitators (ATC, DME, TACAN, TCAS, VOR-ILS)	0.01 Hz	to		0.1 Hz			$3.2 \cdot 10^{-9}$	Direct measurement on a standard generator	KP 1/F, KP 18/E	1
		0.1 Hz	to		1 Hz			$4.9 \cdot 10^{-10}$			
		1 Hz	to		100 Hz			$2.2 \cdot 10^{-10}$			
		100 Hz	to		40 GHz			$1.9 \cdot 10^{-10}$			
					0.1 MHz			$9.5 \cdot 10^{-11}$			
					1 MHz			$9.5 \cdot 10^{-11}$			
					5 MHz			$9.5 \cdot 10^{-11}$			
					10 MHz			$9.5 \cdot 10^{-11}$			
2*	Frequency / standard oscillators, HF, LF, function and pulse generators, frequency converters, spectral, circuit, modulation and frequency analyzers, radiocommunication and radio navigation testers, simulators and imitators (ATC, DME, TACAN, TCAS, VOR-ILS)	0.1 Hz	to		1 Hz		Sine signal U = 3.57 V	$6.5 \cdot 10^{-6}$	Direct frequency measurement with a standard counter	KP 2/F, KP 3/F, KP 4/F	
		1 Hz	to		10 Hz			$2.1 \cdot 10^{-7}$			
		10 Hz	to		100 Hz			$1.4 \cdot 10^{-8}$			
		100 Hz	to		1 kHz			$3.1 \cdot 10^{-9}$			
		1 kHz	to		10 kHz			$4.1 \cdot 10^{-10}$			
		10 kHz	to		500 MHz			$1.4 \cdot 10^{-10}$			
		500 MHz	to		6 GHz			$1.2 \cdot 10^{-10}$			
		6 GHz	to		15 GHz		Sine signal U = 1.0 V	$1.0 \cdot 10^{-10} + 2.8$ Hz			
		15 GHz	to		46 GHz			$1.0 \cdot 10^{-10} + 3.7$ Hz			

Accredited entity according to ČSN EN ISO/IEC 17025:2018:

Institut pro testování a certifikaci, a. s.
CAB number 2222, Calibration Laboratory
Sokolovská 573, 686 01 Uherské Hradiště

Ord. number[1]	Calibrated quantity / Subject of calibration	Nominal range				Parameter(s) of the measurand	Lowest stated expanded mesurement uncertainty[2]	Calibration principle	Calibration procedure identification[3]	Loca-tion
		min.	unit	max.	unit					
						Rectangle signal				
		0.01	Hz	to 0.1	Hz	U = 5.0 V	$1.3 \cdot 10^{-10}$			
		0.1	Hz	to 10	Hz		$1.2 \cdot 10^{-10}$			
		10	Hz	to 350	MHz		$1.1 \cdot 10^{-10}$			
3*	Bandwidth / oscilloscopes							Indirect measurement using a standard generator and HF voltmeter	KP 18/E	1
		100	kHz	to 1	GHz		13 %			
		1	GHz	to 3	GHz		17 %			
		3	GHz	to 6	GHz		20 %			
4*	Time, time interval / counters, stopwatches, generators, timers, synthesizers, converters							Direct measurement using a standard oscilloscope and counter	KP 2/F	
		1	ns	to 10	ns		0.75 ns			
		10	ns	to 10	ms		0.40 ns			
		10	ms	to 1	s		0.51 ns			
								Direct comparison, electrical start	KP 18/E	
		1	s	to 10	s		1.5 ns			
		10	s	to 100	s		$1.5 \cdot 10^{-10}$			
		100	s	to 100,000	s		$1.1 \cdot 10^{-10}$			
								Comparison with a standard, manual start	KP 5/F	
		10	s	to 12	h		0.06 s			
5*	Tripping time of residual current circuit breakers / inspection instruments							Direct measurement on the calibrator of inspection instruments	KP 5/E	
		10	ms	to 40	ms		0.26 ms			
		40	ms	to 80	ms		0.27 ms			
		80	ms	to 200	ms		0.30 ms			
		200	ms	to 500	ms		0.35 ms			
		500	ms	to 1,000	ms		0.07 %			

Accredited entity according to ČSN EN ISO/IEC 17025:2018:

Institut pro testování a certifikaci, a. s.
CAB number 2222, Calibration Laboratory
Sokolovská 573, 686 01 Uherské Hradiště

Ord. number[1]	Calibrated quantity / Subject of calibration	Nominal range				Parameter(s) of the measurand	Lowest stated expanded mesurement uncertainty[2]	Calibration principle	Calibration procedure identification[3]	Loca-tion
		min.	unit		max. unit					
		1,000 ms	to	2,000 ms			0.045 %			
		2,000 ms	to	5,000 ms			0.033 %			

[1] Asterisk at the ordinal number identifies the calibrations, which the Laboratory is qualified to carry out outside the permanent laboratory premises.

[2] The expanded measurement uncertainty is in accordance with ILAC-P14 and EA-4/02 M a part of CMC and it is the lowest value of the respective uncertainty. If not stated otherwise, its coverage probability is approx. 95 %. If not stated otherwise, the uncertainty values stated without a unit are relative to the measured value. The uncertainty value stated herein is based on the best conditions achievable by the laboratory; the uncertainty value of a specific calibration may be higher depending on the conditions of such a calibration. For identical extreme values of adjacent ranges, the lower uncertainty value always applies.

[3] If the document identifying the calibration procedure is dated only these specific procedures are used. If the document identifying the calibration procedure is not dated, the latest edition of the specified procedure is used (including any changes).

Accredited entity according to ČSN EN ISO/IEC 17025:2018:

Institut pro testování a certifikaci, a. s.
CAB number 2222, Calibration Laboratory
Sokolovská 573, 686 01 Uherské Hradiště

CMC for the field of measured quantity: Physicochemical quantities

Ord. number[1]	Calibrated quantity / Subject of calibration	Nominal range				Parameter(s) of the measurand	Lowest stated expanded mesurement uncertainty[2]	Calibration principle	Calibration procedure identification[3]	Loca-tion
		min.	unit	max.	unit					
1*	Volume concentration of ozone / ozone generators	0 nmol/mol	to	100 nmol/mol			2.4 nmol/mol	Spectrophotometric measurement of ozone concentration	KP 1/O	2
		100 nmol/mol	to	5,000 nmol/mol			17 nmol/mol			

[1] Asterisk at the ordinal number identifies the calibrations, which the Laboratory is qualified to carry out outside the permanent laboratory premises.

[2] The expanded measurement uncertainty is in accordance with ILAC-P14 and EA-4/02 M a part of CMC and it is the lowest value of the respective uncertainty. If not stated otherwise, its coverage probability is approx. 95 %. If not stated otherwise, the uncertainty values stated without a unit are relative to the measured value. The uncertainty value stated herein is based on the best conditions achievable by the laboratory; the uncertainty value of a specific calibration may be higher depending on the conditions of such a calibration. For identical extreme values of adjacent ranges, the lower uncertainty value always applies.

[3] If the document identifying the calibration procedure is dated only these specific procedures are used. If the document identifying the calibration procedure is not dated, the latest edition of the specified procedure is used (including any changes).