

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

Testo, s.r.o.
Testo, s.r.o. - Calibration Laboratory
Jinonická 804/80, Košíře, 158 00 Praha 5

CMC for the field of measured quantity: Temperature

Ord. number ¹	Calibrated quantity / Subject of calibration	Nominal range				Parameter(s) of the meas. quantity	Lowest expanded measurement uncertainty specified ²	Calibration principle	Calibration procedure identification ³	Work-place
		min.	unit	max.	unit					
1	Digital thermometers	-30 °C	to	120 °C		0.06 °C 0.13 °C	Direct comparison with a standard in an oil bath	KP-01		
2*	Digital thermometers	-90 °C	to	-80 °C		0.50 °C	Direct comparison with a standard in a dry block	KP-01		
		-80 °C	to	-40 °C		0.30 °C				
		-40 °C	to	-20 °C		0.15 °C				
		-20 °C	to	100 °C		0.10 °C				
		100 °C	to	300 °C		0.15 °C				
		300 °C	to	400 °C		0.30 °C				
		400 °C	to	450 °C		0.50 °C				
		450 °C	to	600 °C		0.65 °C				
3*	Digital thermometers	-35 °C	to	90 °C		0.30 °C	Direct comparison with a standard in a thermal chamber	KP-01		
		90 °C	to	140 °C		0.35 °C				
4	Contact digital thermometers	-20 °C	to	25 °C		1.5 °C	Direct comparison with a standard on an aluminium contact plate	KP-02		
		25 °C	to	100 °C		1.0 °C				
		100 °C	to	150 °C		1.5 °C				
		150 °C	to	200 °C		2.0 °C				
		200 °C	to	250 °C		2.5 °C				
		250 °C	to	300 °C		3.0 °C				

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, 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 value measured. If the calibration is carried out outside the laboratory premises, the measurement uncertainty may be affected.

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).

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		min.	unit	max	unit					
5	Contactless digital thermometers and thermal cameras in pyrometer mode	-30 °C	to	-10 °C		2.7 °C	Direct comparison with a standard using a grey body with emissivity 0.95	KP-03		
		-10 °C	to	0 °C		2.0 °C				
		0 °C	to	35 °C		1.5 °C				
		35 °C	to	90 °C		1.8 °C				
		90 °C	to	120 °C		2.2 °C				
		120 °C	to	150 °C		2.5 °C				
		150 °C	to	200 °C		3.0 °C				
		200 °C	to	400 °C		4.5 °C				
		400 °C	to	500 °C		5.5 °C				

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CMC for the field of measured quantity: Relative air humidity

Ord. number ¹	Calibrated quantity / Subject of calibration	Nominal range				Parameter(s) of the meas. quantity	Lowest expanded measurement uncertainty specified ²	Calibration principle	Calibration procedure identification ³	Workplace
		min.	unit	max	unit					
1*	Digital hygrometers	5 %RH	to	35 %RH		0.6 %RH	Direct comparison with a standard in an air-conditioned calibration chamber	KP-04		
		35 %RH	to	75 %RH		0.8 %RH				
		75 %RH	to	90 %RH		1.0 %RH				
		90 %RH	to	95 %RH		1.5 %RH				

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CMC for the field of measured quantity: Air flow

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		min.	unit	max	unit					
1	Digital anemometers	0.1 m/s	to	1.0 m/s		0.09 m/s	Direct comparison with a standard in a wind tunnel	KP-05		
		1.0 m/s	to	2.5 m/s		0.13 m/s				
		2.5 m/s	to	10 m/s		0.15 m/s				
		10 m/s	to	15 m/s		0.18 m/s				
		15 m/s	to	20 m/s		0.25 m/s				
		20 m/s	to	30 m/s		0.35 m/s				
		30 m/s	to	35 m/s		0.40 m/s				
		35 m/s	to	40 m/s		0.45 m/s				

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