

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

PRESSTEMP s.r.o.
 Calibration Laboratory
 Doudlevecká 360/48, Jižní Předměstí, 301 00 Plzeň

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

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	Deformation pressure gauges	-100 kPa -20 kPa 1.5 kPa 0.01 MPa	to to to to	-20 kPa 1.5 kPa 10 kPa 10 MPa	gas relative, absolute pressure 0.04 % 8 Pa 2 Pa 0.02 %	Comparison with the standard	KP01	
2	Electromechanical pressure gauges (digital pressure gauges, pressure transducers with electrical output signal)	-100 kPa -20 kPa 1.5 kPa 0.01 MPa	to to to to	-20 kPa 1.5 kPa 10 kPa 10 MPa	gas relative, absolute pressure 0.04 % 8 Pa 2 Pa 0.02 %	Comparison with the standard	KP02	
3	Vacuum of differential pressure gauges	-100 kPa -10 kPa -1.5 kPa	to to to	-10 kPa -1.5 kPa 0 kPa	gas relative pressure 0.02 % 2 Pa 8 Pa			
4	Deformation pressure gauges	0.1 MPa 1 MPa 16 MPa 70 MPa	to to to to	1 MPa 16 MPa 70 MPa 100 MPa	oil relative, absolute pressure 200 Pa 0.02 % 0.07 % 0.32 MPa	Comparison with the standard	KP01	

The Appendix is an integral part of
Certificate of Accreditation No. 320/2020 of 19/05/2020

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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.
5	Electromechanical pressure gauges (digital pressure gauges, pressure transducers with electrical output signal)	0.1 MPa	to	1 MPa	oil relative, absolute pressure	200 Pa	Comparison with the standard	KP02	
		1 MPa	to	16 MPa		0.02 %			
		16 MPa	to	70 MPa		0.07 %			
		70 MPa	to	100 MPa		0.32 MPa			
6	Barometric pressure	80 kPa	to	115 kPa		30 Pa	Comparison with the standard	KP02	

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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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	Indicating (digital) thermometers	-30 °C		to	120 °C		0.09 °C	Comparison with the standard	KP05	
2	Resistance thermometers (resistance temperature detectors with/without transducer)	-30 °C		to	120 °C		0.09 °C	Comparison with the standard	KP06	

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