

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

MV Lab, s.r.o.
Facility No. 2400, Metrology Laboratory
Levínský Vršek 147, Levín, 267 01 Králův Dvůr

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 thermometers and temperature measuring chains	-90 °C	to	-45 °C		0.3 °C	Comparison with a standard resistance thermometer in a calibrating oven or a climatic chamber	PP-M01-1		
		-45 °C	to	155 °C		0.1 °C				
		155 °C	to	200 °C		0.2 °C				
		200 °C	to	350 °C		0.3 °C				
		350 °C	to	500 °C		0.4 °C				
		500 °C	to	650 °C		0.5 °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 M 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. 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).

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CMC for the field of measured quantity: Physicochemical quantities - 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*	Electronic hygrometers and relative humidity measuring chains	5 % RH	to 25 % RH	10 °C – 40 °C	0.6 % RH	Comparison with a standard hygrometer in a climatic chamber	PP-M02-1	
		25 % RH	to 35 % RH	10 °C – 40 °C	0.7 % RH			
		35 % RH	to 50 % RH	10 °C – 40 °C	0.8 % RH			
		50 % RH	to 65 % RH	10 °C – 40 °C	0.9 % RH			
		65 % RH	to 75 % RH	10 °C – 40 °C	1.0 % RH			
		75 % RH	to 85 % RH	10 °C – 40 °C	1.1 % RH			
		85 % RH	to 95 % RH	10 °C – 40 °C	1.2 % RH			

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