

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

RHH s.r.o.

CAB number 2359, RHH s.r.o. – Calibration Laboratory
 S.K. Neumanna 1316, 532 07 Pardubice

CMC for the field of measured quantity: Volume

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	Work-place
		min	unit	max	unit					
1	Piston pipettes and piston dispensing systems	0.5 µl	to	10 000 µl		0.13 % +0.01µl	Gravimetric method	RHH-AKP-01 (ČSN EN ISO 8655-6)		
		10 000 µl	to	150 000 µl		0.06 %				

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).

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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 measurand	Lowest stated expanded measurement uncertainty ²	Calibration principle	Calibration procedure identification ³	Work-place
		min unit	max unit					
1*	Electronic thermometers	-30 °C	to 50 °C		0.12 °C	Comparison with a standard thermometer using a calibration furnace	RHH-AKP-02	
		50 °C	to 140 °C		0.18 °C			
		140 °C	to 250 °C		0.32 °C			
		250 °C	to 650 °C		1.2 °C			
2*	Electronic thermometers and temperature measuring chains, including thermal and climatic chambers	-80 °C	to -40 °C		0.30 °C	Comparison with a standard thermometer	RHH-AKP-02	
		-40 °C	to 50 °C		0.22 °C			
		50 °C	to 150 °C		0.30 °C			
		150 °C	to 250 °C		0.54 °C			
		250 °C	to 500 °C		1.1 °C			
		500 °C	to 800 °C		2.1 °C			
			100					
		800 °C	to 0 °C		2.8 °C			

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CMC for the field of measured quantity: Optical quantities (Gloss)

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	Work-place
		min	unit	max	unit					
1*	Gloss meters	0 GU		to	100 GU		1.2 GU	Direct measurement of gloss standard	RHH-AKP-03	
2*	Gloss standards	0 GU		to	100 GU		1,4 GU	Measurement by standard gloss-meter	RHH-AKP-03	

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CMC for the field of measured quantity: 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	Work-place
		min unit	max unit					
1*	Electronic humidity meters and humidity measuring chains, including climatic chambers	10 % RH to	40 % RH	(2 až 20) °C (20 až 60) °C (60 až 90) °C	1.3 % RH 1.1 % RH 1.5 % RH	Comparison with a standard humidity meter	RHH-AKP-04	
		40 % RH to	70 % RH	(2 až 20) °C (20 až 60) °C (60 až 90) °C	1.3 % RH 1.2 % RH 1.6 % RH			
		70 % RH to	90 % RH	(2 až 20) °C (20 až 60) °C (60 až 90) °C	1.5 % RH 1.3 % RH 1.8 % RH			

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