

## Accreditation scope

Name of the accredited subject: **MicroStep-MIS, spol. s r.o.**

**Calibration laboratory**  
Čavojského 1, 841 04 Bratislava

Laboratory with a fixed accreditation scope.

Item	Kind of measuring instrument/ measurement means	Measurement range	Expanded uncertainty $U(k=2)$	Established methods		Other specifications
				Kind/ Principle	Identification	
<b>1.</b>	<b>Temperature</b>					
1.1	Resistance Temperature Sensors	(-45 to +60) °C	0.06 °C	immediate comparison with temperature standard	PP-KL-01 (WMO-No.8)	4-wire sensor, the medium is ethanol, water and glycol
1.2	Thermometers, temperature sensors	(-40 to +60) °C	0.6 °C	immediate comparison with temperature standard	PP-KL-10 (WMO-No.8)	calibration in a climatic chamber (in the air)
<b>2.</b>	<b>Humidity</b>					
2.1	relative humidity sensors	(5 to 40) % RH (40 to 80) % RH (80 to 97) % RH	0.6 % RH 1.0 % RH 1.2 % RH	immediate comparison with relative humidity standards (temperature standard + dew point temperature standard)	PP-KL-03 (WMO-No.8)	calibration in a humidity generator
2.2	dew point temperature sensors	(-20 to +40) °C	0.19 °C	immediate comparison with dew point temperature standard	PP-KL-03 (WMO-No.8)	calibration in a humidity generator
2.3	relative humidity sensors	(25 to 90) % RH	4.0 % RH	immediate comparison with relative humidity standards	PP-KL-10 (WMO-No.8)	calibration in a climatic chamber
<b>3.</b>	<b>Pressure</b>					
3.1	absolute pressure sensors	(500 to 1100) hPa	6 Pa	immediate comparison with pressure standard	PP-KL-04, PP-KL-09 (WMO-No.8)	barometers calibration
<b>4.</b>	<b>Rain gauge</b>					
4.1	tipping bucket rain gauges	1 mm.min <sup>-1</sup> to 11,2 mm.min <sup>-1</sup>	1 %	gravimetric traceability of defined volume	PP-KL-05 (WMO-No.8)	rain intensity generator During calibration rain gauge consider the area <i>S</i> of rain gauge in accordance with the specific type.
4.2	weighing rain gauges	1g to 9 kg	1.0 g	immediate comparison with weight standards	PP-KL-06 (WMO-No.8)	differential method

\*\*\*

