


# Schedule of Accreditation

issued by

## United Kingdom Accreditation Service

2 Pine Trees, Chertsey Lane, Staines-upon-Thames, TW18 3HR, UK

 <p><b>UKAS</b> CALIBRATION</p> <p>0766</p> <p>Accredited to ISO/IEC 17025:2005</p>	<h3>Rotronic Instruments (UK) Limited</h3> <p>Issue No: 014    Issue date: 09 May 2018</p>	
	<p><b>Unit 1A</b> Crompton Fields Crompton Way Crawley West Sussex RH10 9EE</p>	<p><b>Contact: Mr Chris Aicken</b> Tel: +44 (0)1293 571000 Fax: +44 (0)1293 571008 E-Mail: <a href="mailto:instruments@rotronic.co.uk">instruments@rotronic.co.uk</a> Website: <a href="http://www.rotronic.co.uk">www.rotronic.co.uk</a></p>
<p><b>Calibration performed at the above address only</b></p>		

### DETAIL OF ACCREDITATION

Measured Quantity Instrument or Gauge	Range	Calibration and Measurement Capability (CMC) Expressed as an Expanded Uncertainty ( $k = 2$ )	Remarks
<p>DEW POINT</p> <p>Using a chilled mirror hygrometer</p> <p>Dew-point</p>	<p>- 60 ° to - 40 °C - 40 °C to 60 °C 60 °C to 70 °C 70 °C to 95 °C</p>	<p>0.14 °C 0.11 °C 0.12 °C 0.25 °C</p>	<p>Calibrations can be performed on instruments with an electrical output</p>
<p>TEMPERATURE</p> <p>Temperature sensors incorporated in humidity instruments</p> <p>Platinum Resistance Thermometers and Sensors with Indicators</p>	<p>-60 °C to 0 °C 0 °C to 70 °C 70 °C to 150 °C</p> <p>-70 °C to 200 °C</p> <p>0.01 °C</p>	<p>0.08 °C to 0.06 °C 0.05 °C 0.07 °C to 0.16 °C</p> <p>0.019 °C</p> <p>0.003 °C</p>	<p>Calibrations in air</p> <p>Calibration in fluid</p> <p>Triple point of water</p>
<p>RELATIVE HUMIDITY</p> <p>Relative humidity</p>	<p>Example conditions</p> <p>At 0 °C: 2 %rh to 10 %rh 10 %rh to 98 %rh</p> <p>At 23 °C: 2 %rh to 10 %rh 10 %rh to 98 %rh</p> <p>At 70 °C: 2 %rh to 98 %rh</p> <p>At 95 °C 30 %rh to 98 %rh</p>	<p>Corresponding to above dew-point and temperature uncertainties</p> <p>0.20 %rh 0.20 %rh to 1.0 %rh</p> <p>0.20 %rh 0.20 %rh to 0.80 %rh</p> <p>0.20 %rh to 0.60 %rh</p> <p>0.40 %rh to 1.0 %rh</p>	



0766  
Accredited to  
ISO/IEC 17025:2005

**Schedule of Accreditation**  
issued by  
**United Kingdom Accreditation Service**  
2 Pine Trees, Chertsey Lane, Staines-upon-Thames, TW18 3HR, UK

**Rotronic Instruments (UK) Limited**  
Issue No: 014 Issue date: 09 May 2018

Calibration performed at main address only

Measured Quantity Instrument or Gauge	Range	Calibration and Measurement Capability (CMC) Expressed as an Expanded Uncertainty ( $k = 2$ )	Remarks
Using unsaturated salts capsules	<i>Temperature range 23 °C ± 2 °C:</i> 5 %rh 10 %rh 11 %rh 20 %rh 35 %rh 50 %rh 65 %rh 75 %rh 80 %rh 95 %rh	0.50 %rh 0.50 %rh 0.50 %rh 0.60 %rh 0.70 %rh 1.1 %rh 1.0 %rh 1.3 %rh 1.3 %rh 1.3 %rh	
Saturated salt capsules	5 %rh to 95 %rh	1.6 % rh	
END			