


Schedule of Accreditation

issued by

United Kingdom Accreditation Service

21 - 47 High Street, Feltham, Middlesex, TW13 4UN, UK

 <p>UKAS CALIBRATION</p> <p>0811</p> <p>Accredited to ISO/IEC 17025:2005</p>	<h3>Acute Sales Limited</h3> <p>Issue No: 001 Issue date: 13 October 2008</p>	
	<p>Century Road High Carr Business Park Newcastle-under-Lyme Staffordshire ST5 7UG</p>	<p>Contact: Mr J Chinnock Tel: +44 (0)1782 563030 Fax: +44 (0)1782 563131 E-Mail: james.chinnock@acutesales.co.uk Website: www.acutest.net</p>
<p>Calibration performed at the above address only</p>		

DETAIL OF ACCREDITATION

Measured Quantity Instrument or Gauge	Range	Best Measurement Capability Expressed as an Expanded Uncertainty (<i>k</i> =2)	Remarks
DC RESISTANCE			
Generation	Up to 330 Ω 330 Ω to 3.3 kΩ 3.3 kΩ to 33 kΩ 33 kΩ to 330 kΩ 330 kΩ to 3.3 MΩ 3.3 MΩ to 33 MΩ	110 ppm + 12 mΩ 71 ppm + 46 mΩ 74 ppm + 0.47 Ω 96 ppm + 4.6 Ω 120 ppm + 42 Ω 780 ppm + 0.43 kΩ	
DC VOLTAGE			
Generation	Up to 330 mV 330 mV to 3.3 V 3.3 V to 33 V 33 V to 330 V 330 V to 1020 V	47 ppm + 2.9 μV 39 ppm + 4.2 μV 40 ppm + 38 μV 44 ppm + 0.39 mV 44 ppm + 1.3 mV	
DC CURRENT			
Generation	0 to 3.3 mA 3.3 mA to 33 mA 33 mA to 330 mA 330 mA to 2.2 A 2.2 A to 11 A	110 ppm + 38 nA 120 ppm + 0.20 μA 98 ppm + 2.7 μA 940 ppm + 34 μA 820 ppm + 0.26 mA	
AC VOLTAGE			
Generation	<i>At 1kHz:</i> 1 mV to 33 mV <i>50 Hz to 10 kHz:</i> 33 mV to 330 mV 0.33 V to 3.3 V <i>10 kHz to 20 kHz:</i> 0.33 V to 3.3 V <i>50 Hz to 1 kHz:</i> 3.3 V to 33 V 33 V to 330 V 330 V to 700 V	0.13% + 16 μV 0.051% + 16 μV 0.034% + 46 μV 0.68% + 46 μV 0.045% + 0.47 mV 0.069% + 5.2 mV 0.064% + 62 mV	



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Measured Quantity Instrument or Gauge	Range	Best Measurement Capability Expressed as an Expanded Uncertainty ($k=2$)	Remarks
AC CURRENT Generation	<i>50 Hz to 60 Hz:</i> 29 μ A to 330 μ A 0.33 mA to 3.3 mA <i>50 Hz to 1 kHz:</i> 3.3 mA to 33 mA <i>50 Hz to 60 Hz:</i> 33 mA to 330 mA 0.33 A to 2.2 A 2.2 to 11 A	0.18% + 0.20 μ A 0.17% + 0.24 μ A 0.31% + 2.4 μ A 0.18% + 24 μ A 0.081% + 0.24 mA 0.070% + 1.6 mA	
FREQUENCY Generation	120 Hz to 1.2 kHz 1.2 kHz to 12 kHz 12 kHz to 120 kHz	23 ppm + 58 mHz 23 ppm + 0.58 Hz 23 ppm + 5.8 Hz	
END			