

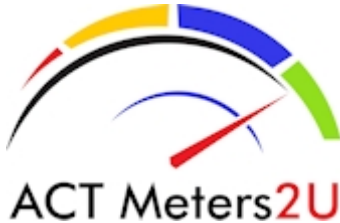
CERTIFICATE OF CALIBRATION

Issued By Associated Calibration & Training Ltd

Date of Issue 07 May 2021

Certificate Number
ACT37529

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Approved Signatory

T.P Rowley C. Byrne A.J Corbishley N.M. Hancock P.G Casey

Customer : Dave Jones
4 Lime Grove, Oswestry
Shropshire SY11 2QE

Date Received : 05 May 2021

Instrument -	System ID :	ID17643	Job Number :	M49566-1
	Description :	Portable Appliance Tester		
	Manufacturer :	Seaward	Site :	
	Model Number :	PT100	Location :	
	Serial Number :	18K-0065	Last Certificate Number :	ACT24649
	Procedure Version :	49 1.12	Last Calibration Date :	12/11/2019

Environmental Conditions

Temperature :	21°C +/- 3°C	Mains Voltage :	240V +/- 10V
Relative Humidity :	50% +/- 15%	Mains Frequency :	50Hz +/- 1Hz

Comments

The Instrument was allowed to stabilise before calibration.

Traceability Information

<i>Instrument description</i>	<i>Serial number</i>	<i>Certificate number</i>	<i>Cal. Date</i>	<i>Cal. Period</i>
3200 Electrical Test Calibrator (HI)	M1370L14	UKAS43287	07/04/2021	52

Calibrated By : A.J Corbishley

Date of Calibration : 07 May 2021

This certificate provides traceability of measurement to recognised National Standards, and to the units of measurement realised at the National Physical Laboratory or other recognised National Standards laboratories.

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Test Title	Tolerance	Applied Value	Reading	Pass/Fail
General Operation Tests				
Controls & Display	---	---	Pass	
Class One				
Test 1				
Linearity	22.5mΩ	0.10Ω	0.12Ω	Pass
1MΩ	70kΩ	1.00MΩ	0.99MΩ	Pass
0.23mA	43uA	0.230mA	0.230mA	Pass
Test 2				
Linearity	27.5mΩ	0.15Ω	0.17Ω	Pass
2MΩ	120kΩ	2.00MΩ	1.99MΩ	Pass
0.12mA	32uA	0.120mA	0.110mA	Pass
Test 3				
Linearity	48mΩ	0.56Ω	0.58Ω	Pass
5MΩ	270kΩ	5.00MΩ	5.00MΩ	Pass
Class Two				
Test 1				
2MΩ	120kΩ	2.00MΩ	1.99MΩ	Pass
0.12mA	32uA	0.120mA	0.110mA	Pass
Test 2				
10MΩ	520kΩ	10.00MΩ	10.01MΩ	Pass
Extension Lead Test				
Polarity Test	---	---	Pass	

End of results

Uncertainties

Bond Current	0 to 30 Amps: 1.5% + 6counts.
Earth Bond Ohms	0.5% + 4mohms
Insulation Ohms	10kohms to 5Mohms: 0.1%, 5Mohms to 10Gohms: 1% +/- 1 Digit.
PAT Leakage	1.5% + 0.3mA