

CERTIFICATE OF CALIBRATION

Issued By Pullman Instruments (UK) Ltd.

Certificate Number 7064

Date of Issue 19th January 2021



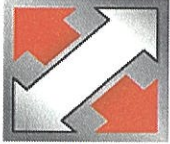
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Approved Signatory

A.J.Cox

M. Conboy



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Pullman Instruments (UK) Ltd.

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Customer : DJB LABCARE LTD
UNIT 12, CROMWELL BUSINESS PARK, BUCKS.
NEWPORT PAGNELL, MK16 9QS

Date Received : 14th January 2021

Instrument :	System ID :	C180171030	Job Number :	472017-1
	Description :	MULTIMETER	Customer Ref :	C180171030
	Manufacturer :	UNI-T	Site :	Harrogate
	Model Number :	UT71A	Location :	Calibration Lab
	Serial Number :	C180171030		
	Procedure Number & Version :	22853 : 22853v01/N		

Environmental Conditions

Temperature :	20°C ± 2°C	Mains Voltage :	230V ± 20V
Relative Humidity :	50%RH ± 15%RH	Mains Frequency :	50Hz ± 1Hz

Comments

The instrument was left to stabilise for at least 12 hours before calibration.

Measurements traceable to national standards.

Calibration Information

The instrument was calibrated against laboratory standards whose values are traceable to recognised National Standards. The uncertainty limits quoted refer to the measured values only, with no account being taken of the instruments ability to maintain its calibration.

The reported expanded uncertainty is based on a standard uncertainty multiplied by a coverage factor k=2, providing a level of confidence of approximately 95%. The uncertainty evaluation has been carried out in accordance with UKAS requirements.

Calibrated By : M.Conboy

Date of Calibration : 19th January 2021

This certificate is issued in accordance with the laboratory accreditation requirements of the United Kingdom Accreditation Service. It provides traceability of measurement to the SI system of units and/or to units of measurement realised at the National Physical Laboratory or other recognised national metrology institutes. This certificate may not be reproduced other than in full, except with the prior written approval of the issuing laboratory.

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UKAS Accredited Calibration Laboratory No. **0683**

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7064

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AS FOUND RESULTS

Test Title	Applied Value	Reading	Uncertainty
V d.c.			
200mV	190.05mV	190.00mV	± 5.0uV+1dgt
2V	1.9011V	1.9000V	± 25uV+1dgt
20V	5.009V	5.000V	± 220uV+1dgt
20V	10.006V	10.000V	± 220uV+1dgt
20V	15.007V	15.000V	± 220uV+1dgt
20V	19.010V	19.000V	± 220uV+1dgt
200V	190.10V	190.00V	± 4.5mV+1dgt
1000V	1001.0V	1000.0V	± 16mV+1dgt
V a.c.			
750V	750.0V	750.0V	± 240mV+1dgt
200V	190.01V	190.00V	± 48mV+1dgt
20V	19.000V	19.000V	± 5.0mV+1dgt
2V	1.9006V	1.9000V	± 800uV+1dgt
A d.c.			
2mA	1.9004mA	1.9000mA	± 120nA+1dgt
200mA	190.12mA	190.00mA	± 17uA+1dgt
20A	10.010A	10.000A	± 3.7mA+1dgt
A a.c.			
20A	10.016A	10.000A	± 33mA+1dgt
200mA	190.38mA	190.00mA	± 110uA+1dgt
2mA	1.9011mA	1.9000mA	± 1.2uA+1dgt
Ohms			
200 Ohms	100.20Ω	100.32Ω	± 8mR+1dgt
2 kOhms	1.0002kΩ	1.0007kΩ	± 32mR+1dgt
20 kOhms	10.000kΩ	10.001kΩ	± 290mR+1dgt
200 kOhms	100.00kΩ	100.00kΩ	± 2.9R+1dgt
2 MOhms	1.0000MΩ	1.0002MΩ	± 80R+1dgt
20 MOhms	9.997MΩ	9.994MΩ	± 1.2kR+1dgt

End of Results

END OF TEST DATA