

CERTIFICATE OF CALIBRATION

Issued By Transmille Ltd.

Certificate Number 30298

Date of Issue 18 February 2016



Approved Signatory



Transmille Ltd.
Unit 4, Select Business Centre
Lodge Road
Staplehurst, Kent. TN12 0QW.
TEL 01580 890700 FAX 01580 890711

A handwritten signature in black ink, appearing to read 'M.A. Bailey'.

G.A. Shapland M.A. Bailey S.A. Hawkins J.A. Bailey

Customer : TRANSMILLE LTD.
UNIT 4 SELECT BUSINESS CENTRE, LODGE ROAD
STAPLEHURST KENT. TN12 0QW

Date Received : 03 February 2016

Instrument :	System ID :	T00006237	Job Number :	59999
	Description :	Breakdown/Hipot Tester	Site :	
	Manufacturer :	Transmille	Location :	
	Model Number :	BREAKD		
	Serial Number :	111664B16		
	Procedure Version :	1.3/N [V]		

Environmental Conditions

Temperature :	20°C +/- 1°C	Mains Voltage :	230V +/- 12V
Relative Humidity :	50% +/- 20%	Mains Frequency :	50Hz +/- 1Hz

Comments

Instrument was allowed to stabilise for at least 12 hours before calibration.

2102 is calibrated for use with 3200B calibrator S/N: M1404B16 only!
Specifications Ref : Transmille datasheet V1.00

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 : G.A. Shapland

Date of Calibration : 18 February 2016

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. 0324

AFTER ADJUSTMENT RESULTS

Certificate Number

30298

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Test Title	Applied Value	Reading	Uncertainties
General Tests			
Sockets and leds	---	Pass	
3kV AC Range Input			
3kV A.C 50Hz	1.00kV	0.99kV	10V
3kV A.C 50Hz	2.00kV	1.99kV	14V
3kV A.C 50Hz	3.00kV	2.99kV	18V
12kV AC Range Input			
12kV A.C 50Hz	4.00kV	3.98kV	22V
12kV A.C 50Hz	6.00kV	5.98kV	32V
12kV A.C 50Hz	8.00kV	7.99kV	39V
12kV A.C 50Hz	10.00kV	10.00kV	50V
12kV A.C 50Hz	12.00kV	12.02kV	55V
Current Measurement AC			
20mA Range 50Hz	20.00mA	20.00mA	36uA
20mA Range 50Hz	10.00mA	10.00mA	26uA
2mA Range 50Hz	2.00mA	2.00mA	21uA
2mA Range 50Hz	1.00mA	1.00mA	21uA
200uA Range 50Hz	200.0uA	199.9uA	500nA
200uA Range 50Hz	100.0uA	99.9uA	380nA
3kV DC Range Input			
3kV D.C	1.00kV	1.00kV	12V
3kV D.C	2.00kV	2.00kV	12V
3kV D.C	3.00kV	3.00kV	12V
12kV DC Range Input			
12kV D.C	4.00kV	4.00kV	13V
12kV D.C	6.00kV	6.00kV	20V
12kV D.C	8.00kV	8.00kV	25V
12kV D.C	10.00kV	10.00kV	32V
12kV D.C	12.00kV	12.02kV	40V
Current Measurement DC			
20mA Range DC	20.00mA	19.99mA	21uA
2mA Range DC	2.00mA	1.99mA	21uA
200uA Range DC	200.0uA	200.0uA	210nA
End of results			