

CERTIFICATE OF CALIBRATION

Issued By Transmille Ltd.

Certificate Number EXAMPLE

Date of Issue 09 December 2008



Approved Signatory



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**EXAMPLE
CERTIFICATE**

EXAMPLE EXAMPLE

Customer :

Date Received :

Instrument : System ID : EXAMPLE
Description : 100A Stackable Transconductance Amplifier
Manufacturer : Transmille
Model Number : EA3012
Serial Number : EXAMPLE
Procedure Version : 3.00/N

Environmental Conditions

Temperature : 20°C +/- 1°C
Relative Humidity : 50% +/- 20%

Mains Voltage : 240V +/- 12V
Mains Frequency : 50Hz +/- 1Hz

Comments

Instrument was allowed to stabilise for at least 12 hours before calibration.
Tests marked # are not UKAS accredited have been included for completeness

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 : EXAMPLE

Date of Calibration : EXAMPLE

This certificate is issued in accordance with the laboratory accreditation requirements of the United Kingdom Accreditation Service. It 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. This certificate may not be reproduced other than in full, except with the prior written approval of the issuing laboratory.

CERTIFICATE OF CALIBRATION

UKAS Accredited Calibration Laboratory No. 0324
AFTER ADJUSTMENT RESULTS

Certificate Number
EXAMPLE

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Test Title	Applied Value	Reading	Uncertainties
DC Current Output			
0A	0.000 00A	-0.00033A	0.12mA
20A	20.000 00A	20.000 22A	0.68mA
-20A	-20.00000A	-19.99998A	0.68mA
40A #	40.000 0A	40.000 1A	3.8mA
-40A #	-40.0000A	-39.9997A	3.8mA
60A #	60.000A	60.001A	14mA
-60A #	-60.000A	-59.999A	14mA
80A #	80.000A	79.994A	21mA
-80A #	-80.000A	-79.991A	21mA
100A #	100.000A	99.973A	38mA
-100A #	-100.000A	-99.971A	38mA
AC Current Output			
10A @ 55Hz	10.000 0A	9.998 7A	2.5mA
20A @ 55Hz	20.000A	19.991A	5mA
20A @ 95Hz	20.000A	19.986A	5mA
20A @ 400Hz #	20.000A	20.011A	7mA
30A @ 55Hz #	30.000A	29.981A	10.5mA
40A @ 55Hz #	40.000A	39.993A	14mA
50A @ 55Hz #	50.000A	49.971A	16mA
60A @ 55Hz #	60.000A	59.967A	17mA
70A @ 55Hz #	70.000A	69.974A	19mA

End of results