

CERTIFICATE OF CALIBRATION

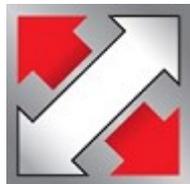
Issued By Pullman Instruments (UK) Ltd

Certificate Number C3244

Date of Issue 07 January 2020



0236



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Approved Signatory

A handwritten signature in black ink, appearing to be 'A.J. Cox'.

C.Kemp R.Younger A.J.Cox

Customer : DJB Labcare
Unit 12, Cromwell Business Park
Newport Pagnell Buckinghamshire MK16 9QS

Date Received : 07 January 2020

Instrument :	System ID :	C180171030	Job Number :	M4829-1
	Description :	MULTIMETER	Ref. Number :	C180171030
	Manufacturer :	UNI-T	Site :	
	Model Number :	UT71A	Location :	
	Serial Number :	C180171030		
	Procedure Version :	1322v01/N		

Environmental Conditions

Temperature : 20°C +/- 2°C
Relative Humidity : 50% +/- 15%

Mains Voltage : 230V +/- 10V
Mains Frequency : 50Hz +/- 1Hz

Comments

Conditional Calibration - frequency only
The Instrument was allowed to stabilise for 12 hours prior to calibration

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 : A.J.Cox

Date of Calibration : 07 January 2020

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.

CERTIFICATE OF CALIBRATION

UKAS Accredited Calibration Laboratory No. 0236
AS FOUND RESULTS

Certificate Number
C3244

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Test Title	Applied Value	Reading	Uncertainties
Frequency @10v A.C.			
10Hz	10.000Hz	9.998Hz	$\pm 3.5\text{mHz} + 1\text{dgt}$
100Hz	100.00Hz	99.98Hz	$\pm 35\text{mHz} + 1\text{dgt}$
1kHz	1.000 0kHz	0.999 8kHz	$\pm 350\text{mHz} + 1\text{dgt}$
10kHz	10.000kHz	9.999kHz	$\pm 4\text{mHz} + 1\text{dgt}$
100kHz	100.00kHz	99.99kHz	$\pm 40\text{mHz} + 1\text{dgt}$
1MHz	1.000 0MHz	0.999 9MHz	$\pm 0.8\text{mHz} + 1\text{dgt}$
10MHz	10.000MHz	9.999MHz	$\pm 8\text{mHz} + 1\text{dgt}$

END OF RESULTS

*All reported uncertainties are +/- the stated value.
The results reported on the certificate relate only to the items calibrated.*



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