

PC 4.12.23

# CERTIFICATE OF CALIBRATION

**Issued By** Britannia Test & Measurement Ltd

**Date of Issue** 28 November 2023

**Certificate Number**

BTM12439

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**Britannia Test & Measurement Ltd**  
Unit 16 South Tees Business Centre  
Enterprise Court  
Middlesbrough  
TS6 6TL

Approved Signatory

☐ F Fielding

☐ C Trattles

☒ P Trattles

**Customer :** Viamed

**Date Received :**

<b>Instrument -</b>	System ID :	ID15984	Ref. Number : CE076
	Description :	Process Calibrator	
	Manufacturer :	Time Electronics	
	Model Number :	1030	
	Serial Number :	6939K6	
	Procedure Version :	1.00	

## Environmental Conditions

Temperature : 20°C +/- 1°C  
Relative Humidity : 50% +/- 10%

Mains Voltage : 240V +/- 10V  
Mains Frequency : 50Hz +/- 1Hz

## Comments

Instrument was placed in lab and allowed to stabilise before calibration.

## Traceability Information

Instrument description	Serial number	Certificate number	Cal. Date	Cal. Period
8840A Multimeter	4016001	49259	27/07/2023	52
3041 Precision Multi-Product Calibrator	F1122E10	49226	26/07/2023	52

**Calibrated By :** P Trattles

**Date of Calibration :** 28 November 2023

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.

Copyright of this certificate is owned by the issuing laboratory and may not be reproduced except with the prior written approval of the issuing laboratory.

This certificate complies with the requirements of BS EN ISO 10012:2003.

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Test Title	Tolerance	Applied Value	Reading	Pass/Fail
<b>10mV Range</b>				
2.5mV	30uV	2.50mV	2.51mV	Pass
5mV	30uV	5.00mV	5.00mV	Pass
7.5mV	30uV	7.50mV	7.51mV	Pass
10mV	30uV	10.00mV	9.99mV	Pass
<b>100mV Range</b>				
25mV	100uV	25.00mV	25.08mV	Pass
50mV	100uV	50.00mV	50.04mV	Pass
75mV	100uV	75.00mV	75.08mV	Pass
100mV	100uV	100.00mV	100.00mV	Pass
<b>1V Range</b>				
0.25V	1mV	0.250V	0.251V	Pass
0.50V	1mV	0.500V	0.500V	Pass
0.75V	1mV	0.750V	0.750V	Pass
1.00V	1mV	1.000V	1.000V	Pass
<b>10mA Range</b>				
2.5mA	20uA	2.50mA	2.50mA	Pass
5mA	20uA	5.00mA	4.99mA	Pass
7.5mA	20uA	7.50mA	7.50mA	Pass
10mA	20uA	10.00mA	9.99mA	Pass
<b>100mA Range</b>				
25mA	200uA	25.00mA	25.05mA	Pass
50mA	200uA	50.00mA	50.07mA	Pass
75mA	200uA	75.00mA	75.14mA	Pass
100mA	200uA	100.00mA	100.06mA	Pass

End Of Results

## Uncertainties

D.C. Voltage            0 to 1000V: 0.002% ± 1digit  
D.C. Current            0 to 10A: 0.008% ± 1digit