



Certificate of Calibration

CUSTOMER: TOTAL LABORATORY SERVICES LTD JOB No: 0539177

ORDER NO: 2024062 CUST. REF: NO CUST REF

MAKE: CONTROL ABILITY LTD. TYPE: PFM120S

DESCRIPTION: DIGITAL TACHOMETER SERIAL No: 1549

AMBIENT TEMPERATURE*: 20 ± 3 °C HUMIDITY: 50 ± 25 %RH

This is to certify the above instrument has been calibrated in accordance with a relevant specification and at those points tested the result(s) were*:

Found to meet that specification on receipt	Found to meet that specification after adjustment/repair	Measurements recorded in absence of relevant specification	Found NOT to meet that specification - Calibration restrictions apply
Pre-Calibration repair performed []	Optimising adjustment performed []	Calibration performed away from laboratory* []	Calibration performed by subcontractor* []

Absolute Calibration Complies with BS EN ISO 17025 and BS EN ISO 9001

*For calibration performed away from our laboratory or by a subcontractor please see the attached certificate for environmental conditions and calibration/measurement details. The above statement of conformity (e.g. Pass/Fail) to specification is made without taking measurement uncertainty into account unless stated otherwise in the report.

In order to comply with the above standards Absolute Calibration has to ensure that all measurements carried out in its laboratories are traceable to national standards.

Approved Signatory

DATE: 08 - 04 - 2024

Absolute Calibration Limited

14 Murrills Estate, Portchester, Hampshire, England, PO16 9RD

T: 023 9232 1712 | W: absolutecal.co.uk | E: calif@absolute-cal.co.uk



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Report No.
539177

Calibration Laboratory Report

Laboratory Ambient Temperature 20 ± 3 °C Laboratory Ambient Humidity 50 ± 25 %RH

Description: DIGITAL MULTIMETER

Make: CONTROL ABILITY

Type: PFM120S

Classification

Serial No: 1549

Cust.Ref: —

<input checked="" type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> R	<input type="radio"/> N
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Customer: Total Laboratory Services

Order No: 2024062

Code: TOT008

Test Step No	Function Tested	Nominal Result	Measured Value		Out of Tol	Manufacturers Specification
			As Found	After Adjust		
Target LED RPM	Equiv Hz	Appl RPM	10.0			± 1 Digit
			0.16666°			
			0.833333°			
			1.66666°			
			3.33333°			
			5.0000			
			6.66666°			
			8.33333°			
			16.66666°			
			83.33333°			
			10000			
			50000			
			90000			

All measurements are traceable to National Standards

Calibrated By: SCGF

Verified By:

Date: 08-04-2024

CPFM1205 Issue.1

Earth Bonding and Electrical Safety Test		
Visual Inspection Ck ()	Mains Lead Ck ()	Fuse Rating
Earth Continuity	Load Test	
Insulation Test	Leakage Test	Flash Test

INSTRUMENTS USED FOR THIS CALIBRATION			
MANUFACTURER	TYPE	ACS CODING	RECAL DUE
		NO134	MAR - 25

UNCERTAINTIES OF MEASUREMENT

FREQUENCY

± 3pp10e9 + 1 COUNT.