



Certificate of Calibration

CUSTOMER: TOTAL LABORATORY SERVICES LTD JOB No: 0556215

ORDER NO: 2025056 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 <input type="checkbox"/>	Optimising adjustment performed <input type="checkbox"/>	Calibration performed away from laboratory* <input type="checkbox"/>	Calibration performed by subcontractor* <input type="checkbox"/>
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

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: 24/03/25

Absolute Calibration Limited

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Report No
0556215



Calibration Laboratory Report

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

Description:

Make: CONTROL ABILITY LTD

Type: PFM120S

Classification

A	X	X	X
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Serial No: 1549

Cust. Ref: ----

Customer: Total laboratory services LTD Order No: 2025056

Code: TOT008

Test Step No	Function Tested	Nominal Result	Measured Value		Out Of Tol	Manufacturers Specification
			As found	After adjust		
	DISPLAY RPM EQUIV. Hz	CK	(✓)			
	0.083333●	5.000	5.000			± 1 DIG
	0.166666●	10.00	10.00			
	0.416666●	25.00	25.00			
	0.833333●	50.00	50.00			
	1.666666●	100.0	100.0			
	2.500000	150.0	150.0			
	3.333333●	200.0	200.0			
	4.166666●	250.0	250.0			
	5.000000	300.0	300.0			
	6.666666●	400.0	400.0			
	8.333333●	500.0	500.0			
	16.666666●	1000	1000			
	83.333333●	5000	5000			
	116.666666●	7000	7000			
	133.333333●	8000	8001			
	165.000	9900	9900			

All measurements are traceable to National standards

Calibrated By: W. Smith

Verified By:

Date: 24 March 2025

Earth Bonding and Electrical Safety Test	
Visual Inspection Ck (✓)	Mains Lead Ck () A
Earth Continuity	Ω Load Test < KVA
Insulation Test >	MΩ Leakage test < mA

Instrument used in this Calibration	
ACL CODING	RECAL DATE
C2809	Jan-26
C2883	Jan-26

UNCERTAINTIES OF MEASUREMENT
Frequency
±12pp10E9 + 1 count