



Certificate of Calibration

CUSTOMER: TOTAL LABORATORY SERVICES LTD JOB No: 0520303
ORDER NO: 2023036 CUST. REF: 966
MAKE: CONTROL ABILITY LTD. TYPE: PFM120S
DESCRIPTION: DIGITAL TACHOMETER SERIAL No: 1207

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 [<input checked="" type="checkbox"/>]	Found to meet that specification after adjustment/repair [<input type="checkbox"/>]	Measurements recorded in absence of relevant specification [<input type="checkbox"/>]	Found NOT to meet that specification – Calibration restrictions apply [<input type="checkbox"/>]
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"/>]

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:

15/03/23

Absolute Calibration Limited

14 Murrills Estate, Portchester, Hampshire, England, PO16 9RD
T: 023 9232 1712 | W: absolutecal.co.uk | E: calit@absolute-cal.co.uk



Absolute Calibration Limited

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Report No
 0520303

Calibration Laboratory Report

Laboratory Ambient Temperature 20 ± 3 °C Laboratory Ambient Humidity 55 ± 20 %rh

Description: DIGITAL TACHOMETER

Make: CONTROL ABILITY LTD

Type: PFM120S

Classification

Serial No: 1207

Cust. Ref: 966

A B C R

Customer: TOTAL LABORATORY SERVICES LTD Order No: 1023036

Code: TOT008

Test Step No	Function Tested	Nominal Result	Measured Value		Out Of Tol	Manufacturers Specification
			As found	After adjust		
	DISPLAY	CK	(✓)			
	<u>RPM</u> <u>EQUIV. Hz</u>	<u>APPLIED RPM</u>	<u>IND RPM</u>			
	0.08333●	5.000	5.001			
	0.16666●	10.00	10.00			
	0.41666●	25.00	25.00			
	0.83333●	50.00	50.00			
	1.66666●	100.0	100.0			
	2.500000	150.0	150.0			
	3.33333●	200.0	200.0			
	4.16666●	250.0	250.0			
	5.000000	300.0	300.0			
	6.66666●	400.0	400.0			
	8.33333●	500.0	500.0			
	16.6666●	1000	1000			
	83.3333●	5000	5000			
	166.666●	10:00	10:00			
	833.333●	50:00	50:00			
	1500.000	90:00	90:00			
						± 1 DIG

All measurements are traceable to National standards

Calibrated By: W. Oute

Verified By: B

Date: 14/03/23

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

Instruments used in this Calibration

ACL CODING

C2771

C2883

RECAL DUE

SEP-23

Nov-23

UNCERTAINTIES OF MEASUREMENT

FREQ.:-

 ± 12 PPM