

MNT



RS Calibration
Calibration and Repair Service
Serial No: 1347543/658
Cert No: 1860801
Cal Date: 23 Apr 2024
Recal Due:

DPN 175 Lammam Road, Corby, Northants, NN17 9RS

Calibration Certificate

Do Not Destroy

Calibration Certificate Attached: 1860801
OD ref: 1234127596

first

Digital Stopwatch

IMPORTANT INFORMATION

Simply detach the label in the top right hand corner of the new front sheet and apply to your instrument as required.



RS Calibration
Calibration and Repair Service
Serial No: 2A345G02
Cert No: 123456
Cal Date: 01 May 2014
Recal Due:

DPN 175 Lammam Road, Corby, Northants, NN17 9RS

For Re-Calibration of your unit please email:
calibration.uk@rs-components.com
or call us on 01536 405545 to arrange free collection. Please quote serial number when returning.



CERTIFICATE OF CALIBRATION

Issued by: RS Components Ltd

Date Issued: 23 Apr 2024

Certificate No.

1860801



RS Calibration

Calibration and Repair Service

DPN 175, Lammas Rd,
Weldon Industrial Est
Corby, Northants, NN17 9RS

Tel: 01536 405545
Fax: 01536 401590

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Martyn Tiney

Client

TOTAL LABORATORY SERVICES LTD
BLANDFORD FORUM
DORSET
DT11 8ST

Instrument

Digital Stopwatch

Serial No.

1347543/658

Client Reference

N/A

Procedure ID.

811_1814_STOPWATCH Rev. P3

Date of Calibration

23 Apr 2024

Performance Status

Reported Values

Equipment Used to Carry Out Calibration

Equipment ID.

Frequency Generator
Stop Watch Test Box

Cal 1284
Cal 1270

The measurements reported in this certificate were carried out using equipment whose values are traceable to national standards.

The management controls of the RS Calibration Laboratory are registered under the British Standard BS EN ISO 9001 : 2015 No. RS 00362.

Uncertainties

The reported expanded uncertainties are based on a standard uncertainty multiplied by a coverage factor $k = 2$, providing a level of confidence of approximately 95%.

This calibration is of a new instrument.

The following calibration results relate only to the items defined above.

This certificate may not be reproduced other than in full, except with the prior written approval of the issuing laboratory.

CERTIFICATE OF CALIBRATION

Certificate No.

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Environment

The ambient temperature and relative humidity throughout the calibration were $(20 \pm 2) ^\circ\text{C}$ and $(40 \pm 20) \%$ RH respectively.

Method

The instrument was calibrated by comparison with a GPS frequency standard.
Prior to the calibration the instrument was allowed to stabilise in the laboratory for a period of not less than 30 minutes.

Time Interval Accuracy

Indicated Interval	UUT Displayed Value	Equivalent Value
9.96 s	00 m 09 s 95 ^{1/100} S	9.95 s
30.02 s	00 m 30 s 03 ^{1/100} S	30.03 s
59.82 s	00 m 59 s 82 ^{1/100} S	59.82 s
899.96 s	14 m 59 s 94 ^{1/100} S	899.94 s
1799.96 s	29 m 59 s 97 ^{1/100} S	1799.97 s
3540.04 s	59 m 00 s	3540 s

Measurement uncertainties of the recorded values:

$\pm 0.10\text{s} + 1 \text{ L.S.D}$ of the display resolution

CALIBRATED BY:- MNT

Reported values

The uncertainties quoted refer to the recorded values, which include any identified contribution of the instrument under test and not to the ability of the instrument to maintain it's calibration.

END OF CALIBRATION