

**RS Calibration**

Calibration and Repair Service

Serial No: 1347543/138

Cert No: 1908833

Cal Date: 05 Mar 2025

Recal Due:

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

****Calibration Certificate****

Do Not Destroy

Calibration Certificate Attached: 1908833

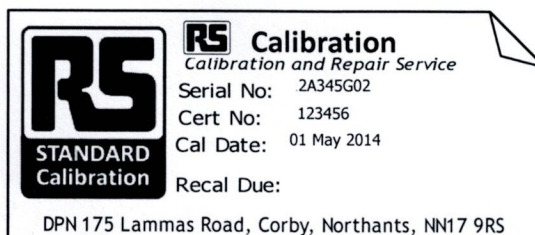
OD ref: 1247411207

Digital Stopwatch

first

IMPORTANT INFORMATION

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



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.

RS Calibration

CERTIFICATE OF CALIBRATION

Issued by: RS Components Ltd

Date Issued: 05 Mar 2025

Certificate No.

1908833



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.	1347543/138
Client Reference	N/A
Procedure ID.	811_1814_STOPWATCH Rev. P3
Date of Calibration	05 Mar 2025
Performance Status	Reported Values

Equipment Used to Carry Out Calibration	Equipment ID.
Frequency Generator	Cal 1284
Stop Watch Test Box	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 certificate reports recorded values for the instrument 'As Received'.

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.

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Environment

The ambient temperature and relative humidity throughout the calibration were $(20 \pm 2) ^\circ\text{C}$ and $(40 \pm 35) \%RH$ 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
9.89 s	00 m 09 s 90 $\frac{1}{100}S$	9.90 s
29.92 s	00 m 29 s 96 $\frac{1}{100}S$	29.96 s
59.82 s	00 m 59 s 84 $\frac{1}{100}S$	59.84 s
900.05 s	15 m 00 s 08 $\frac{1}{100}S$	900.08 s
1799.92 s	29 m 59 s 96 $\frac{1}{100}S$	1799.96 s
3540.04 s	59 m 00 s	3540 s

Measurement uncertainties of the recorded values:

$\pm 0.10s + 1 \text{ L.S.D}$ 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 its calibration.

END OF CALIBRATION