


**RS Calibration**
*Calibration and Repair Service*

Serial No: 1347543/474

Cert No: 1814669

Cal Date: 19 Jul 2023

Recal Due:

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

# **\*\*Calibration Certificate\*\***

## **Do Not Destroy**

Calibration Certificate Attached: 1814669

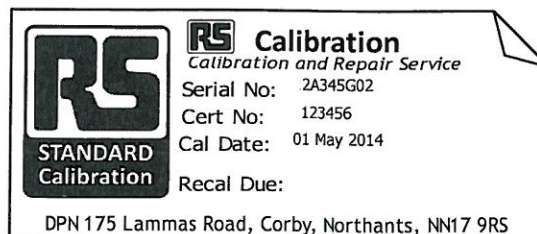
OD ref: 1222586420

RS PRO LCD 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: 19 Jul 2023

Certificate No.

1814669



## 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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A handwritten signature in black ink, appearing to read 'C. Sheridan'.

Craig Sheridan

|                     |  |
|---------------------|--|
| Client              | TOTAL LABORATORY SERVICES LTD<br>BLANDFORD FORUM<br>DORSET<br>DT11 8ST |
| Instrument          | RS PRO LCD Digital Stopwatch   |
| Serial No.          | 1347543/474  |
| Client Reference    | N/A  |
| Procedure ID.       | X01_7215 Rev. P4   |
| Date of Calibration | 19 Jul 2023  |
| Performance Status  | Reported Values  |

| Equipment Used to Carry Out Calibration | Equipment ID. |
|---|---------------|
| Frequency Generator                     | Cal 1284      |
| Stop Watch Test Box                     | Cal 1235      |

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.

1814669

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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 |
|--------------------|------------------------------|------------------|
| 9.98 s             | 00 m 10 s 03 $1/100\text{S}$ | 10.03 s          |
| 29.99 s            | 00 m 30 s 02 $1/100\text{S}$ | 30.02 s          |
| 59.99 s            | 01 m 00 s 01 $1/100\text{S}$ | 60.01 s          |
| 900.03 s           | 15 m 00 s 08 $1/100\text{S}$ | 900.08 s         |
| 1800.04 s          | 30 m 00 s 07 $1/100\text{S}$ | 1800.07 s        |
| 3540 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:- CJS**

## Compliance to Specification

The specification published by the manufacturer and found in the instrument's handbook has been used to determine performance at the measured points.

## 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