

# ISO/IEC 17025 Calibration Certificate

201 Wolf Drive • P.O. Box 87 • Thorofare, NJ 08086-0087 • Phone: 856-686-1600 • Fax: 856-686-1601 • www.troemner.com • e-mail: troemner@troemner.com

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## Electrical Calibration

Serial Number : 123456  
Certificate Number : **12345-TIME**  
Date of Calibration : 22-May-2017

### SECTION 1: NAME AND ADDRESS OF CUSTOMER

#### End User

Troemner  
201 Wolf Drive  
Thorofare, NJ 08086

### SECTION 2: APPROVED SIGNATORY

Lynn Dickerson



### SECTION 3: PERSON PERFORMING WORK

David Peacock

### SECTION 4: CERTIFICATE INFORMATION

Description of DUT:	Stopwatch	Date Received	: 21-May-2017
Order Number	: 123456	Date of Calibration	: 22-May-2017
Manufacturer	: Fisher Scientific	Date of Issue	: 22-May-2017
Model	: 14-469-5	Next Calibration Due:	31-May-2018
Serial Number	: <b>123456</b>	ID#	: <b>L-123</b>

### SECTION 5: ENVIRONMENTAL CONDITIONS DURING TEST

Temperature : 21.3 °C                      Relative Humidity : 46.1 %

### SECTION 6: PERTINENT INFORMATION

This calibration was performed in Troemner's Certification Laboratory at 201 Wolf Drive, Thorofare, NJ 08086

The calibration certificate documents traceability to national standards for the realization of the units of Measurement according to the International System of Units(SI).

The certificate of calibration only applies to the device identified. The device has been calibrated in accordance with Troemner calibration procedures (ECP-CAL)

This calibration also meets specifications as outlined in ISO/IEC 17025, ANSI/NCSL Z540-1-1994, and applicable documents.

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### SECTION 7: CALIBRATION DATA

#### As Found/As Left

Set Point	Benchtop Timer	DUT	Difference	Tolerance	Uncertainty
	sec	sec	sec	sec/day	sec
1min	60.020	60.020	0.000	0.430	0.096
10min	600.033	600.030	-0.003	0.430	0.096
1hr	3599.997	3599.990	-0.007	0.430	0.096

UNCERTAINTY- The standard deviation associated with the results of the measurements process.  
 Uncertainty is calculated per NIST Technical note 1297 using a coverage factor of  $k = 2$  ( $k = 2$  defines an interval having a level of confidence of approximately 95 percent.)

Calibration Standards				
Manufacturer	Model	Serial #	Cal Due Date	Description
Control Company	1021	150163274	1-Sep-2017	Bench Timer