

Part No.

# SERV-0026

Calibration certificate for Field Gauge models LC10, LC20, LC30, NIST traceable

Calibration certificate with data included.


**Certificate of Calibration**

F-741-029

 Certificate No 102212  
 Certificate Date 02/06/2020

**Mailing Address**  
 PO Box 340 Novelty OH 44072-0340 USA  
 Tel 440-564-1430 Fax 440-564-1480  
[www.ralstoninst.com](http://www.ralstoninst.com)

**Laboratory Address**  
 Ralston Instruments Standards Laboratory  
 15035 Cross Creek Parkway Newbury OH 44065 USA

**Device Under Test**

Model Number	Description	Serial Number
LC10-GR	3,000 psi / 200 bar / 20 MPa	LC-000775

As Received Condition: New Device

As Left Condition: In Tolerance

**Pressure Reference**

Manufacturer	Model Number	Serial No.	Certificate No.	Certificate Date
Fluke Calibration	8370A/PM630-A70M	4388001	1500259517	04/25/2019

**Laboratory Conditions throughout this test:**

Temperature	Humidity
19 to 25°C	20 to 60% Relative Humidity

**Definitions:**

<b>Temperature</b>	Measured temperature of DUT during test
<b>Reference Reading</b>	True Value according to reference standard
<b>Indicated Reading</b>	Displayed reading according to DUT
<b>Deviation (psi)</b>	Indicated Reading minus reference reading
<b>Relative Deviation (% of reading)</b>	(Difference / reference Reading) X 100
<b>Allowable Tolerance</b>	Variance allowed above or below manufacturer's specifications
<b>Pressure Medium</b>	Clean dry Nitrogen gas
<b>Water Column</b>	Referenced at 4°C and 1 atmosphere
<b>Condition</b>	Pass or Fail

All reference standards used in this calibration are traceable to National Institute of Standards and Technology of the United States (NIST) through the listed reports. Testing of DUT is performed in accordance with Ralston Instruments test method WI-710-024. The recommended calibration for this instrument is 12 months from the date of last verification.



Robert Hannan  
 Laboratory Representative



Griffin Ralston  
 Quality Representative

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