Part No.

SERV-0026-2

ISO 17025:2017 Accredited Calibration certificate for Field Gauge models LC10, LC20, LC30 with 2 sensors

ISO 17025:2017 Accredited Calibration certificate with data included for 2 sensors.

Ralston Instruments

Certificate of Calibration

Certificate Date: 3/7/2023 Certificate Number: 104476

ilac-MRA ACCREDITED CERT #6635.01

Laboratory Address
Ralston Service Lab
15035 Cross Creek Parkway
Newbury, OH, 44065
United States

Device Under Test

Model/Description	Serial Number
Ralston Instruments - LC20-GR2M-00-00	LC-003309

Reference Standards

Model	Serial Number	Certificate Date	Certificate Number
Fluke - PM600-A20M	4583031	11/18/2022	1500344102
Comet System - T3319	22794141	12/13/2022	2022032961-Rev 1

Test Summary

Test	Date	Role	Status
Calibration Verification Test	3/7/2023	As Left	In Tolerance

Traceability and Measurement Uncertainty

This calibration was performed according to Ralston Instruments Procedure WI-710-072 and is metrologically traceable to the International System of Units (SI) through BIPM recognized national metrology institutes such as NIST. All data points in this calibration are accredited to ISO/IEC 17025:2017, unless otherwise noted.

Measurement uncertainties are evaluated in accordance with the ISO Guide to the Expression of Uncertainty in Measurement (GUM; JCGM 100) and are reported as the expanded uncertainty of the measurement using a coverage factor, k, to approximate the 95% confidence interval (k = 2).

Ralston Instruments employs a binary decision rule with guard bands (deducting the measurement uncertainty from the upper and lower specification) when determining the pass/fail status of the device under test per ILAC-G8:09/2019. It is the responsibility of the customer to interpret the effects of the associated uncertainties on the margins of tolerance.

This certificate applies only to the item identified and shall not be reproduced except in full, without the specific written approval of Ralston Instruments. Calibration certificates without the signature of the authorizing person are not valid. The calibration interval is the responsibility of the customer.

Robert Hannan
3/7/2023
Calibration Technician

Griffin Ralston
3/7/2023
Laboratory Manager

1 of 2

SERV-0026-2

Specs/Attributes

Country of origin	USA