

Field Gauge LC30

Panel-Mounted Digital
Process Meter



PRESSURE 1



PRESSURE 2

Panel-Mounted Precision

With impressive $\pm 0.1\%$ full scale accuracy, intuitive controls, and convenient design features for easy installation, the LC30 is the ideal reference-grade gauge for panel mounted applications.



Test Benches and Panels

Test multiple pressure ranges at one station, rather than needing multiple stations for testing.

Data Logging & Pressure Monitoring

Perform live viewing of pressure or set up tests for continuous monitoring. Easily customize the gauge to your needs using the included FieldLab Desktop or Mobile software.



OEM Equipment

Integrate the LC30 into your original equipment wherever a high precision pressure gauge is needed.

Clear, Intuitive Controls

Primary Power

AC mains powered via USB with adapters for most countries, battery backup

Accuracy

±0.1% full scale accuracy (ASME B40.100 Grade 4A/ISO Class 0.1)

Mounting Flange

Allows for installation in a control panel without taking up too much room

Back light or Daylight

Daylight-optimized display makes it easy to read in bright sunlight. Bright back light adds clear visibility in low light conditions

High / Low Function

Instantly cycle between the high, low and current pressure reading with the Hi/Lo button

Zero Function

Hold to quickly zero the gauge before a test

Engineering Units

Cycle through 15 available engineering units or your own custom units



Additional Options

Measure two process variables at once with optional **second sensor** for pressure or temperature.

Connect to a PC with USB or choose the Bluetooth option to perform logging and configuration from a PC or Mobile device.

Field Gauge LC30 Models

Pressure Gauge: 13 pressure ranges from 5 psi / 35 kPa to 30,000 psi / 200 MPa

Vacuum Gauge: Up to 30 inHg / 760 mbar

Compound Pressure /

Vacuum Gauge: -15 to 15 psi

Thermal Probe: -22 to 302°F (-30 to 150°C) with IEC 6075 Class A Accuracy



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All digital gauges include our **FieldLab Desktop Software** that allows you to manage and configure your gauge quickly and easily on your desktop or laptop.

Field Gauge LC30

- Manage available engineering units directly on the gauge or create your own custom units on the FieldLab software
- Customize the gauge to your needs quickly and easily, displaying only those units necessary for your application
- Use the FieldLab Desktop software to control how long the gauge stays on — from 5 minutes to continuous
- Waterproof to 1 meter (IP67)
- Temperature Range (if included) -22 to 302°F (-30 to 150°C)
- Temperature Accuracy (if included) $\pm (0.15 + 0.002 \times |t|)$ °C (IEC 60751 Class A)
- Powered with 2 AAA batteries as a backup in case the power goes out (comes with adapters for North America, Europe, UK, Australia and China)
- Approved for use in non-hazardous locations in US, Canada, Europe and Australia

More options for temperature, pressure and vacuum measurement.



Field Gauge LC10



Field Gauge LC10-TA
Digital Probe Thermometer



Field Gauge LC20



Field Gauge LC20-TA
Digital Probe Thermometer



Find out more about the Field Gauge LC30:



Ralston Instruments provides complete pressure calibration solutions for a wide range of applications, saving time and taking the guesswork out of critical pressure testing, maintenance and repair operations.



**Gauges & Calibration
References**



Hand Pumps



**Compressed Gas
Pressure Controllers**



**High Pressure Hoses &
Quick-test Connections**