



PRESSURE 1



PRESSURE 2



PRESSURE 3

MADE IN THE USA

# FIELD GAUGE LC30

Panel-Mounted Digital Process Meter

# 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 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

## High / Low Function

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

**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.

**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 **wireless option** and perform data logging from up to 300 ft (100 meters) away.

## Field Gauge LC30 Models



**Pressure Gauge** 11 pressure ranges available, from 5 psi / 35 kPa to 10,000 psi / 70 Mpa

**Vacuum Gauge**  
Up to 30 inHg / 760 mbar

**Compound Pressure/  
Vacuum Gauge** From  $\pm 15$  psi

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



**RALSTON  
FIELDLAB**

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)  $\pm (0.15 + 0.002 \cdot |t|)$  °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



Find out more about the Field Gauge LC30 here:



## Check Out Our Full Line of Compact, Durable Precision Pressure, Vacuum and Temperature Gauges



Field Gauge LC10



Field Gauge LC10-TA  
Digital Probe Thermometer



Field Gauge LC20



Field Gauge LC20-TA  
Digital Probe Thermometer

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.



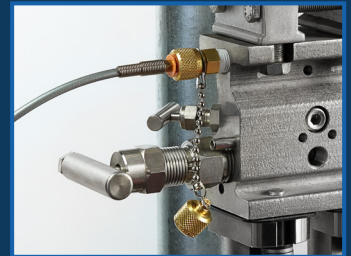
Gauges & Calibration  
References



Hand Pumps



Gas Controllers



High Pressure Hoses &  
Quick-test Connections