

FieldLab Hydrostatic Test Kits

A Digital Alternative to
Analog Chart Recorders



Beyond **Measurement**™

MADE IN THE USA

A Better Way to Run Hydrostatic Tests

With exceptional accuracy and portability, the FieldLab Hydrostatic Test Kit is an ideal alternative to large, cumbersome chart recorders.



Wonderful Wireless

Sturdy wireless temperature probes replace unwieldy cables and wires to record pipeline and ambient temperature from up to 330 feet (100 meters) away.

Countless Uses

Log pressure up to 10,000 psi (70 MPa) for testing on meter skids, valves, pipelines, boilers or other systems that require data collection. Also ideal for wellhead precommissioning, pressure vessel requalification, and high-pressure proof testing.



Numerous Customization Options

Set up and run tests for any custom length of time and view pressure and temperature data live on the FieldLab display. Download the data and customize reports to include reference info, graphs of pressure & temperature readings, DUT data, and additional info as needed.

The Complete Package

No more fumbling around with cables and dried out felt tip pens. Our ultra-portable **Fieldlab Hydrostatic Test Kits** include everything you need to set up and monitor tests digitally.



Thermal Probe Models

Hydrostatic Test Kits are available with one or two thermal probe gauges, and in three different pressure ranges:

3,000 psi / 200 bar / 20 MPa | 5,000 psi / 350 bar / 35 MPa | 10,000 psi / 700 bar / 70 MPa



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.

Hydrostatic Test Kit Specifications

Accuracy - Pressure Measurement	$\pm 0.02\%$ of Full Scale (0-20% of Full Scale) $\pm 0.1\%$ of Reading (20-100% of Full Scale)
Accuracy - Temperature Measurement	$\pm (0.15 + 0.002 \cdot t)$ °C (IEC 60751 Class A)
Datalogging	2 million points (onboard)
Ingress Protection	IP67 (1 meter water submersion for 30 minutes)
Min Operating Temperature	14°F / -10°C
Max Operating Temperature	122°F / 50°C
Wireless Range	500 ft / 155 m



Configure a kit or find out more about Ralston Hydrostatic Test Kits:



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