WESTERN ENTERPRISES
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Meriam.com

Hydro/Pneumatic Tester

The HPT100 is Western's Meriam brand second generation pipeline integrity testing tool that provides real time measurements and data logging during a hydrostatic or pneumatic pipeline test. The HTP100 will reduce measurement costs, speed up test set up, streamline data collection and reporting, and improve data accuracy. Data logging, exportable test logs, user configurable inputs and multiple engineering units makes this as an asset to all pipeline testing personnel.

Product Options

Hydro/Pneumatic Tester Kit
ITEM# HTP-KIT
- 10.2" touch-panel display
- Three (3) RTD temperature sensor ports
- One (1) compound isolated 3000 psi pressure port
- One (1) pump stroke counter
- Wireless keyboard and mouse
- Soft-sided carrying case
- Four (4) 150 ft M12 A-coded cables
- Three (3) Class A RTD probes w/ A-coded connectors
- One (1) 3.3 ft. M12 stroke counter A-coded cable
- One (1) 150 ft. high pressure hose with Quick Test connectors
- Two (2) 1/8" MNPT to Quick Test Pressure fittings
- Two (2) 1/4" MNPT to Quick Test pressure fittings
- Wall power adapter
- 12V 18Ah Lead Acid Battery
- Power cable
- Power charger
- One (1) hard travel case

Features on Hydro/Pneumatic Tester

- Specialized tool for hydrostatic & pneumatic pipeline integrity testing
- One device with correlated independent measurements
- Three (3) operation modes: Live, Record, and Review
  - All data logs are date time stamped
  - PDF or Excel (.txt file) report generation
  - Hide/show measurements on graph
- Time stamped notes entry
- User selectable measurement units

Applications

- Hydrostatic pipeline pressure testing
- Pneumatic pipeline pressure testing
- Integrated digital measurements platform

Definable Measurement Solutions

- **The Hydro/Pneumatic Tester provides you with a specialized tool for pipeline testing.**
- **With multiple measurement solutions in one device, all measurements are easily accessible so you can be more efficient as you test sections of pipeline.**
- **Built on a foundation of measurements traceable to NIST, Western is able to combine temperature and pressure measurement instruments in a single enclosure.**
- **Replace dead-weight testing systems**
- **Perform hydrostatic and pneumatic pipeline tests.**

Specifications Hydro/Pneumatic Tester

Pressure Accuracy	▪ ± 0.020% Full Scale + 0.005% of Reading
Pressure Ranges Isolated	▪ One 3000 psi compound sensor ▪ -14.5 psi to 3000 psi
Temperature Measurement	Temperature Probe Accuracy ▪ Three Class A PT100 RTDs ▪ Tolerance = ± (0.15 + 0.002 |t|) °C
Display Resolution	▪ 10.2 in. diagonal touchscreen with resistive touch ▪ 800 x 480 pixels
Temperature Specifications	▪ Storage: -20° C to 60° C (–4 °F to 140 °F) ▪ Operating: -10° C to 40° C (14° F to 104° F)
Dimensions	▪ Length 13.5 in ▪ Width 9 in ▪ Thickness 3.9 in
Connections	▪ 1/8" Female NPT 316SS - pressure ▪ M12 connections - RTD & Stroke Counter ▪ USB
Power	▪ 12V DC, 1A

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