



Hydro/Pneumatic Tester



The HPT100 is the next generation pipeline integrity testing tool that provides real time measurements and data logging while performing a hydrostatic or pneumatic pipeline test. The Hydro/Pneumatic Tester reduces pipeline testing cost, reduces test set up time, streamlines data collection and reporting, and improve data accuracy. Data logging, exportable test logs, user configurable inputs and multiple engineering units makes the HPT100 a valuable asset to all pipeline testing personnel.

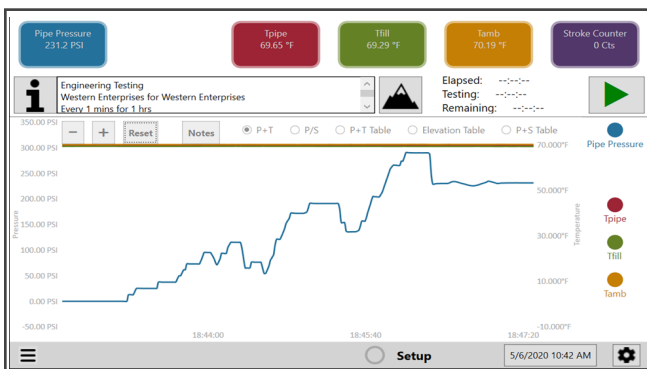


Features on Hydro/Pneumatic Tester

- Specialized tool for hydrostatic or pneumatic pipeline integrity testing
- One device with correlated independent measurements
- Time stamped notes entry
- User selectable measurement units
- Multiple 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, temperature and pressure measurement instruments are easily accessible and combined in a single enclosure, improving testing efficiency
- 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

Item# ZHPT-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 adaptor
- 12V 18Ah Lead Acid Battery
- Power cable
- 110 VAC Power charger
- One (1) hard travel case



Definable Measurement Solutions

- Built on a foundation of measurements traceable to NIST, our product is able to combine temperature and pressure measurement instruments in a single enclosure.
- With multiple measurement solutions in one device, all measurements are easily accessible so you can be more efficient as you test sections of pipeline.
- Replace dead-weight testing systems
- Perform hydrostatic and pneumatic pipeline tests.



Applications

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

Specifications Hydro/Pneumatic Tester

| | |
|---|--|
| Pressure Accuracy | ▪ $\pm 0.020\%$ Full Scale + 0.005% of Reading |
| Pressure Ranges Isolated | <ul style="list-style-type: none"> ▪ One 3000 psi compound sensor ▪ -14.5 psi to 3000 psi |
| Temperature Measurement | ▪ $\pm 0.020\%$ Full Scale + 0.005% of Reading |
| Pressure Ranges (select one) Non-Isolated | <ul style="list-style-type: none"> ▪ Temperature Probe Accuracy ▪ Three Class A PT100 RTDs ▪ Tolerance = $\pm (0.15 + 0.002 t)$ °C |
| Display Resolution | <ul style="list-style-type: none"> ▪ 10.2 in. diagonal touchscreen with resistive touch ▪ 800 x 480 pixels |
| Temperature Specifications | <ul style="list-style-type: none"> ▪ Storage: -20 °C to 60 °C (-4 °F to 140 °F) ▪ Operating: -10 °C to 40 °C (14 °F to 104 °F) |
| Connections | <ul style="list-style-type: none"> ▪ 1/8" Female NPT 316SS - pressure ▪ M12 connections - RTD & Stroke Counter ▪ USB |
| Dimensions | <ul style="list-style-type: none"> ▪ Length 13.5 inches ▪ Width 9 inches ▪ Thickness 3.9 inches |
| Power | ▪ 12V DC, 1A batteries |