



# Hydro Test Gauge (Series)

The Vaetrix HTG series was specifically developed for those customers verifying pipeline integrity. The easy to use interface and rugged enclosure options make this product idea for just about any hydraulic or pneumatic testing application. The HTG series will save you time and money with the ability to create full blown digital test reports in a matter of minutes. We take pride in manufacturing and designing products in the USA and have over thirty years of experience producing process instrumentation. As always, the product is backed with our 4 year warranty.



## Key Features

- Date and time stamp on each reading for data integrity
- Ability to read in (2) temperatures and (1) pressure
- Pick ambient temperature and (1) RTD or (2) RTD's with custom length options
- USB communication for easy and fast uploads of data using Hydro Data Management Software
- Bluetooth options for monitoring of pressure via phone or tablets while logging data using free Vaetrix apps
- Combine files in the software from other applications to create one test report in .pdf for data validation. Raw data is encrypted to prevent tampering or editing.
- Add notes, create covers sheets, and sign off sheets in the software to document test conditions
- Extreme or Portable Version are built to withstand abuse (Vaetrix tough)

Includes: batteries, USB cable, NIST Certificate with Data, and Hydro Test Software

\*Pick and choose Bluetooth and RTD length options



## Includes:

Software, USB Cable, Quick Start Guide, Batteries, NIST Certificate with Data, Reusable Shipping Box with Foam (HTG) and 4 Year Warranty



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# Hydro Test Gauge (Series)

**HTG HANDHELD** Original Hammer Enclosure  
**HTGX EXTREME** Pelican Case  
**HTG-DCR** Digital Chart Recorder

Parameter	Specifications (Consult Manual for Complete Details)
Pressure Accuracy	±0.05% Full Scale (Pick from 15 PSI to 30000 PSI) <i>Includes all effects of temperature and stability based on one year</i>
Barometric Accuracy	±0.35% Full Scale <i>Full Scale value = 35.42" Hg or 17.4 psia</i>
Temperature Accuracy	±1.0°F <i>Both ambient temperature and RTD's (4:1 TUR Ratio)</i>
RTD Probes	100Ω Platinum RTD, 4 Wire, Amphenol Connector (4, 10, 15, 25, 50, or 100 FT)
Units	PSI, BAR, MBAR, KGCM2, MSW, FTSW, INHG, MMHG, KPA, MPA, TORR, INH2O@4°C, INH2O@20°C, INH2O@60°F, CMH2O@4°C, CMH2O@20°C, MMH2O@4°C, MMH2O@20°C, FTH2O@20°C, FTH2O@60°F, CUSTOM
Power	3 AA Alkaline Batteries (LR6) Handheld or USB Power Panel Mount <i>1200+ Hours of typical use with low battery indication at 3.7 volts</i>
Temperature	14°F to 122°F (-10°C to 50°C) -10°F to 150°F (-23°C to 65°C) <i>Compensated operating range Storage (remove batteries over thirty days)</i>
Display	Tri-color graphics 240 x 120 – Real true type font with 0.6" digits
Humidity	0 to 95% – Non-condensing
Connections	¼" MNPT – 316 Stainless Steel
Enclosure	Pelican 1450 (IP 67) or DCR, Hammer (IP 54)

## Part Number Configurator:

### Model

HTG = Handheld (Original Hammer Enclosure)  
 HGTX = Extreme  
 DCR = Digital Chart Recorder

### Range

15-I -12 to 15 PSI, Isolated  
 30-I -12 to 30 PSI, Isolated  
 100-I -12 to 100 PSI, Isolated  
 300-I -12 to 300 PSI, Isolated  
 500-I -12 to 500 PSI, Isolated  
 1K-I 0 to 1000 PSI, Isolated  
 2K-I 0 to 2000 PSI, Isolated  
 3K-I 0 to 3000 PSI, Isolated  
 5K-I 0 to 5000 PSI, Isolated  
 10K-I 0 to 10000 PSI, Isolated  
 14.5K-I 0 to 14500 PSI, Isolated  
 20K-I 0 to 20000 PSI, Isolated, @ 0.1% FS (HTGX / DCR only)  
 30K-I 0 to 30000 PSI, Isolated, @ 0.1% FS (HTGX / DCR only)

### Sensor Type

I = Isolated

### Accuracy

05 = 0.05% FS, 10 = 0.1% (20,000 PSI & 30,000 PSI)

### Options

RTD = Internal Ambient Temperature and (1) RTD, 2RTD = 2 RTD's,  
 BT = Bluetooth

### Example

#### DCR-3K-I-05-2RTD

DCR Digital Chart Recorder (±0.05% FS)  
 Includes batteries, NIST cert with data, USB cable, and hydro data management software. 0 to 3000 PSI, Isolated, 2 RTD's

### RTD Options (Include NIST Certificate with data)

#### VX-VRTD-0 \_ \_ FT

4, 10, 15, 25, 50 & 100 ft available

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