

ETG DIGITAL PRESSURE GAUGE SERIES



Includes: quick start guide, batteries, protective boot, NIST cert with data, and basic data-logging.



Panel Mount option available as 0.05% FS with USB power

Vaetrix ETG series utilizes the latest digital technology to accurately solve pressure measurement applications. All MEMS pressure sensors are fully temperature compensated throughout the operating range. The easy to use interface and intuitive menu structure is the best in the industry. There are no encrypted symbols or abbreviations, just press the arrow keys to navigate the menu and select your choice. We take pride in manufacturing and designing products in the USA and have over thirty years of experience producing process instrumentation. Performance and reliability is backed by a four-year warranty.

- **0.05%, 0.1%, or 0.25% full scale accuracy over operating temperature**
- **Dual sensor technology to measure absolute and gauge pressure with one device**
- **High and low alarm settings with icon and red backlight indication**
- **Dedicated interface for leak test and min/max function**
- **Snapshot readings with date and time stamp**
- **Multi-session data logging capability (up to 64,000 records with date, time, temperature, and pressure)**
- **USB communications and Bluetooth option for Android and Apple**
- **Tri-color graphics display with selectable backlight color for optimum viewing**
- **Twenty engineering units with the ability to select favorites**

Range Options (0.05%):

-15 to 15, -15 to 30 (Compound-Gas Only)
15, 30, 100, 300, 500, 1K, 3K, 5K, 10K (Isolated – Gas & Liquids)

Range Options (0.1% & 0.25%):

±5, 30, 100, 300, 500, 1K, 2K, 3K, 5K, 10K,
14.5K (Isolated – Gas & Liquids)

All values referenced in PSI. Consult factory for additional range options.

Parameter	Specifications (Consult Manual for Complete Details)	
Pressure Accuracy:	±0.05%, ±0.1%, or ±0.25% of Full Scale <i>Includes all effects of temperature and stability based on one year</i>	
Vacuum Accuracy:	±0.25% Full Scale <i>Applies to ranges 500 PSI and below with an isolated sensor</i>	
Barometric Accuracy:	±0.35% Full Scale <i>Full Scale value = 35.42" Hg or 17.4 psia</i>	
Temperature Accuracy:	±1.0°F or ±1.0°C <i>Resolution XXX.X over compensated operating range</i>	
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, USB Power (Micro B) 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) Compensated operating range	-10°F to 150°F (-23°C to 65°C) Storage (remove batteries over thirty days)
Display:	Tri-color graphics 240 x 120 – Real true type font with 0.6" digits	
Connection:	¼" MNPT – 316 Stainless Steel	
Enclosure:	Corrosion Resistant Aluminum – Powder Coated, IP65, 1.7 Pounds 4" Outer Diameter, 5.6" Height, 1.7" Depth	

All ETG series comply with Electromagnetic Radiated Emissions and Immunity per EN 61000-4-2:2008, EN 6100-4-3: 2000 and EN 61326-1:2013, and ETSI EN 301 489-1 V2.2.0 and RoHS Directive 2011/65/EU.

CUSTOM KITTED GAUGE SOLUTIONS AVAILABLE

OPTIONS INCLUDE:

- Digital Kit (2 Gauge) - 1 EA: Vaetrix 100 PSI , Vaetrix 1000 PSI , Pelican Case
- Digital Kit (3 Gauge) - 1 EA: Vaetrix 100 PSI , Vaetrix 1000 PSI , Vaetrix 5000 PSI , Pelican Case
- Analog Kit - 1 EA: Perma-Cal 100 PSI , Perma-Cal 300 PSI , Perma-Cal 600 PSI , Perma-Cal 1000 PSI , Pelican Case
- **2-Years of Gauge Calibration Included**

