

ETG Series

Digital Pressure Gauge



Includes:

Quick start guide, Batteries, Protective Boot, NIST cert with data, and basic Data-Logging

Overview:

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**.

Key Features:

- 0.05%, 0.1%, or 0.25% full scale accuracy over operating temperature of 14°F to 122°F (-10°to 50°C)
- Dual sensor technology to measure absolute and gauge pressure with one device
- High and low alarm settings with icon, red backlight indication, and ability to trigger data logging
- Dedicated interface for leak test and min max/live pressure indication for relief valve testing
- Snapshot readings with date and time stamp
- Multi-session data logging capability (up to 64,000 records with date, time, and pressure)
- USB communications and Bluetooth option for Android mobile
- Tri-color graphics display with selectable backlight color for optimum viewing

Panel Mount option available



ETGP 0.05% FS with USB power

Part Number Configuration

Example: ETG-3K-C-10-BT

ETG - **3K** - **C** - **10** - **BT**

ETG (Handheld)
ETGP (Panel Mount)

PSI Range
Ex: **3K** PSI

C (Compound)
I (Isolated)

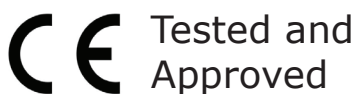
Accuracy
Ex: **0.10%**

BT (Bluetooth)
_ (None)

Accuracy	Available Ranges (PSI)
0.05%	-15 to 15, -15 to 30 (Compound-Gas Only) 15, 30, 100, 300, 500, 1K, 3K, 5K, 10K (Isolated – Gas & Liquids)
0.1% 0.25%	±5, 30, 100, 500, 1K, 3K, 5K, 10K, 14.5K (Isolated – Gas & Liquids)

Specifications

Parameter	
Pressure Accuracy	±0.05%, ±0.1%, or ±0.25% of Full Scale Includes all effects of temperature and stability based on one year
Vacuum Accuracy	±0.25% Full Scale Applies to ranges 500 PSI and below with an isolated sensor. Compound ranges available.
Barometric Accuracy	±0.35% Full Scale Full Scale value = 35.42" Hg or 17.4 psia
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, MH2O@4°C, MH2O@20°C, CUSTOM
Power	3 AA Alkaline Batteries (LR6) Handheld, USB Power (Micro B) Panel Mount 1200+ Hours of typical use with low battery indication at 3.7 volts
Temperature	14°F to 122°F (-10°C to 50°C) -10°F to 150°F (-23°C to 65°C) Compensated operating range Storage
Display	Tri-color graphics 240 x 120 –Real true type font with 0.6" digits, 0-100% bar-graph
Humidity	0 to 95% –Non-condensing
Connection	¼" MNPT –316 Stainless Steel
Enclosure	Corrosion Resistant Aluminum –Powder Coated, IP65 Rated, 1.8 Pounds, 4" Outer Diameter x 5.6" Height x 1.7" Depth
Accessories	WC00102 –6ft USB to Micro B Cable (Right Angle), AS00100 –Data Management Software, WC00101 –Spare AC Adapter to Micro B



Contact us for additional configurations.