



DTG

Digital Test Gauge (Series)

Vaetrix DTG 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

- Assembled in a rugged IP67 Case for long term testing with viewing window
- 0.1%, or 0.25% full scale accuracy over operating temperature
- High and low alarm settings with icon and red backlight indication using the tricolor graphics display
- Dedicated interface for leak test, min/max, and timed test function
- Multi-session data logging capability (up to 64,000 samples with date, time, and pressure)
- USB communications and Bluetooth option for Android and Apple
- New -Ambient Temperature Measurement Capability Option
- Optional Vaetrix Live monitoring software for real time readings through USB



Range Options (0.1% & 0.25%)	±5, 15, 30, 100, 500, 1K, 3K, 5K, 10K, 14.5K, 20K, 30K (Isolated - Gas & Liquids) <i>All values referenced in PSI. Consult factory for additional range options. 20K and above require autoclave fittings.</i>
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Includes:

Quick start guide, NIST cert with data, AC Adapter, Basic Data Logging and 4 Year Warranty



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Parameter	Specifications (Consult Manual for Complete Details)
Pressure Accuracy	±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) <i>Compensated operating range</i> -10°F to 150°F (-23°C to 65°C) <i>Storage (remove batteries over thirty days)</i>
Display	Tri-color graphics 240 x 120 – Real true type font with 0.6" digits
Connection	¼" MNPT – 316 Stainless Steel with backer plate (14.5K PSI and Under)
Enclosure	9.75" x 10.7" x 4.8" -Rated at IP67 with lid closed.

Part Number Configurator:

Model

DTG

Range

5-I	-5 to 5 PSI, Isolated
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
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
30K-I	0 to 30000 PSI, Isolated

Sensor Type

I = Isolated

Accuracy

10 = 0.1% FS | 25 = 0.25% FS

Options

BT = Bluetooth (iOS and Android)
TP = Temperature Reference option

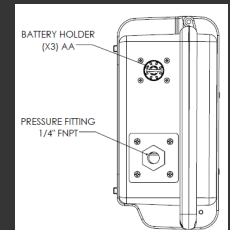
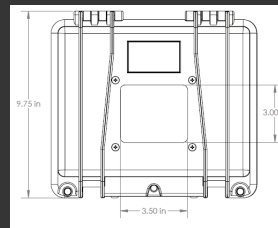
Example

DTG-500-I-10-BT-TP

-12 to 500 PSI, Isolated, 0.1% FS, Bluetooth, Temperature

Accessories:

WC00102	6ft USB to Micro B Cable (Right Angle)
AS00100	Data Management Software
WC00101	Spare AC Adapter to Micro B



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