

WORLDWIDE

Accuracy.

Quality.

Simplicity.



graphic DISPLAY

State-of-the-Art display provides a large view area for ease of reading. The back light capability makes it ideal for field service even in low light conditions.

Unmatched performance, solid construction, accuracy and distinctive design all set this gauge apart from any other pressure gauge on the market.

Greater portability, much faster and more convenient to use than a dead-weight tester. The gauge is more durable and reliable than the most expensive mechanical pressure gauges manufactured to date.

Vaetrix gauges are used throughout the oil and gas industry, with a reputation for excellence and performance under the most difficult conditions.

Vaetrix initiated the use of high accuracy digital pressure gauges in the field environment with its first gauge in 1976 and has continued to pursue the edge of technology.

The eGauge¹ is the culmination of over 30 years of design, innovation, engineering and manufacturing digital pressure gauges for the oil and gas industry.

! CAUTION !

It is NEVER permitted to access the interior of the gauge while operating in a hazardous environment.

General Description



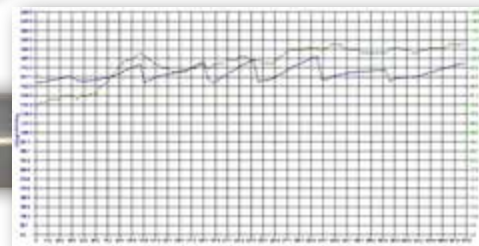
Liquid Level & M

key FEATURES

- 1 Graphics Display
- 2 Back Light
- 3 Select Gauge or Log Mode
- 4 Pressure Ranges from 15 PSI to 5,000 PSI
- 5 Peak Hold for High and Low Readings
- 6 Four Function Keys with Screen Display
- 7 Ambient Temperature
- 8 Engineering Unit
- 9 Powered by four AA batteries which are easily accessed through the back panel.
- 10 Easily Selectable Engineering Units of Measure
- 11 Power Button

✓ Batteries provide 500+ hours of continuous service in either log or gauge mode.

✓ Software & upgrades are free.



Taylor e-Chart

Compared to Mechanical Test Gauges

- Accuracy is not affected by over-pressure, temperature, shock (by being dropped) or rapid increases or decreases of pressure (e.g. relief valve testing).
- Faster, accurate readings better visualization and no parallax errors. Vibration does not affect the life of the gauge.

Compared to Deadweight Testers

- Significantly lighter for greater portability.
- No local gravity correction required.
- Automatic temperature correction.
- No special skills required to use.
- Less expense to maintain & certify.

Compared to Digital Pressure Gauges

- More robust design.
- Greater accuracy.
- Bluetooth-enabled interface.

THIS GAUGETRULY

State of the Art by the company defining it.

Specifications and Options

5000 PSI and below

Operating Range:

10% to 100% of Full Scale.

Accuracy:

+/- 0.05% of Indicated Reading. Specifications include all effects of linearity, hysteresis, repeatability and temperature.

Operating Range:

1% to 10% of Full Scale.

Accuracy:

+/- 0.02% of Full Scale.

Above 5000 PSI

Operating Range:

10%-100% of Full Scale.

Accuracy:

+/- 0.05% of Full Scale.

Operating Range:

1% to 10% of Full Scale.

Accuracy:

+/- 0.02% of Full Scale.

Pressure Ranges

See ordering information on next page.

Data Logging

Holds in excess of 100,000 Data Points.
Data Point consist of Date, Time, Log and File #,
Ambient Temp, RTD Temp, Pressure, and
Barometric Pressure

Display

Description: Graphic characters.

Display Rate: 4 updates per second.

Numeral Display Height:

0.75" for primary line.

0.25" for secondary lines.

Dual Line Display:

Second line displays max. and min. peaks.

Temperature

Operating and Compensated:

-0C to 50C (32F to 122F).

Storage:

-40C to 75C (-40F to 167F).

HAS NOEQUAL.

Optional Features

Temperature Sensor:

Optional RTD probe, 100 ohm platinum.

Absolute Pressure:

Standard on eGauge1

Connections**Pressure Connection:**

1/4" MNPT.

Communication:

Bluetooth-enabled 802.4 MHz.

Range up to 35 feet.

Media Compatibility

Liquids and gases compatible with
ASTM A 214 316 Stainless Steel.

Optional Materials available on request

Power

Battery:

Four Size AA batteries.

Battery Life:

500+ hours typical (alkaline battery) in
either log or gauge mode.

Enclosure

Description:

High density plastic and aluminum designed
to withstand four foot drop impact test.

Weight:

500g (18.0 oz.) including batteries.

Sensor

Description:

EB welded stainless steel
housing with replaceable
sensing element designed with a
permanent oil-filled diaphragm seal.



Pressure

Part Number*	Pressure Range
EG1-1-	0 - 15 PSI†
EG1-5-	0 - 50 PSI†
EG1-10-	0 - 100 PSI†
EG1-20-	0 - 200 PSI†
EG1-30-	0 - 300 PSI†
EG1-50-	0 - 500 PSI†
EG1-75-	0 - 750 PSI†
EG1-100-	0 - 1000 PSI†
EG1-200-	0 - 2000 PSI†
EG1-300-	0 - 3000 PSI†
EG1-500-	0 - 5000 PSI†
EG1-1000-	0 - 10000 PSI**
EG1-2000-	0 - 20000 PSI**
EG1-3000-	0 - 30000 PSI**

*Add -01 behind part number for 2 RTD Ports.

Accessories

Part Number	Description
118-0003	Taylor Vaetrix Model 10 Instrumentation case
118-0005	Taylor Vaetrix Model 16 Instrumentation case
219-0008	RTD Temperature Probe 12 Inch 4 Ft Cable
801-0015	RTD Temperature Probe 12 Inch 50 Ft Cable
801-0016	RTD Temperature Probe 12 Inch 100 Ft Cable
801-0019	RTD Temperature Probe 12 Inch 15 Ft Cable
801-0020	RTD Temperature Probe 12 Inch 25 Ft Cable
121-0026	RTD Kit*

*Comes with a RTD Temperature Probe
Temperature Probe is rated to 250 Degrees F

Standard Gauge Includes

- †0.05% of Indicated Reading (IR) Accuracy - 5000 PSI and below
- **0.05% of Full Scale (FS) Accuracy - Above 5000 PSI
- Calibration of transducer to advertised tolerances
- Temperature Corrected 32 Degrees F to 122 Degrees F
- Certification of conformance to customer's Purchase Order
- 11 Point ISA 37.3 Calibration with data & NIST Certification
- Vaetrix Chart Software & Instructions
- Corrosive resistant Stainless Steel wetted parts
- Model 16 Equipment Case (Includes Return Authorization card and documents to return instrument for service.)

Vaetrix Liquid Level Indicator

The Model 140-LLI displays the level in a tank by sensing the head pressure and converting it to movement of a pointer on a fixed scale, continuously indicating liquid level in an atmospheric (vented) vessel.

Because of its unique design, the Model 140-LLI has a long service life with minimal maintenance requirements.



Gauge Plug and Probe System

Taylor Vaetrix Gauge Plug® and Gauge Probe® Fittings have been an industry standard since their invention in 1958 by Julian Taylor. This system provides the most reliable method of quick gauge integration and sampling in the world. The easy to use slip-on / slip-off operation will endure any field environment for millions of cycles without repair or maintenance.



Vaetrix eGauge2

The 3" diameter pressure gauge consists of a stainless steel construction with three selectable measurement units. A back light is installed for easy viewing in low lighting conditions. It is designed for use in valve repair shops, laboratories and plants of all types.

Precision measurement, performance and reliability are coupled with consistent accuracy to meet today's demanding service needs.



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