

APPION

Star Performance

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NEW ION PT Gauges

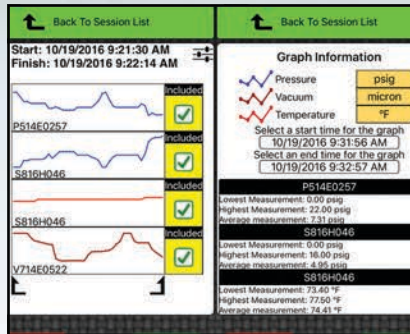
Pressure / Temperature



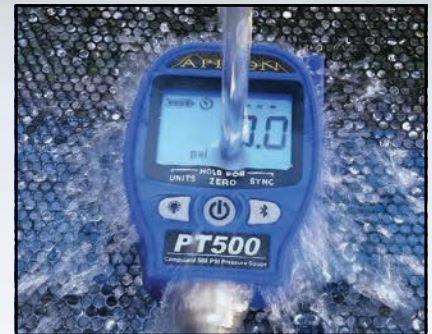
Digital "Stub" Gauges: No Hoses, No Manifold
NIST-traceable accuracy with 5-point certification



Remote, Real-Time Readings



Live Data Logging and Reporting



Built to Withstand Real-World Conditions

ION PT Gauges

	PT500	PT800
Range	Compound 29 inHg - 500 psi	0 - 800 psi
Accuracy	± 0.5% FS (ASME B40.7 Grade 2A)	± 0.5% FS (ASME B40.7 Grade 2A)
Resolution	0.5 psi	0.5 psi
Units	psi, inHg, kg/cm ² , cm/Hg, bar, kPa, MPa	psi, kg/cm ² , bar, kPa, MPa
Max. (Proof) Overpressure	750 psi	1,000 psi

Temperature Sensors

Sensor Type	NTC Thermistor
Working Temperature	-40 - 225°F (-40 - 105°C)
Accuracy	± 0.27°F (0.15°C) 32 - 122°F (0 - 50°C)
Resolution	0.1°F/C
Cable Length	79 in (2m)
Clamp Opening	0.25 - 1.5 in OD

* Each gauge includes 1x1/8" Male NPT Fitting, 1x1/4" Male and 1x1/4" Female Swivel SAE Flare adapter.

- **View Multiple, Simultaneous Measurements:** "Low Side" "High Side" & Temperature
- **Digital "Stub" Gauges:** Minimize charge loss; perfect for "critical charge" applications
- **Minimized Thermal Mass:** Compact, stainless steel clamp for durability and easy placement
- **Thermally-Isolated Contact Sensor:** Reduced thermal mass for greater accuracy
- **Advanced System Analysis:** Superheat/Subcool Calculations, Reporting, and more with the ION HVAC/R App™

ION PT Gauge Set

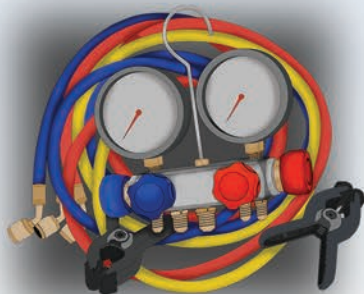
(Part #: IONKIT-PT)

Contents include:

- (1) PT500
- (1) PT800
- (2) Thermal Clamps
- (2) Thermal Sensors
- (1) 1/4" Charging-T Fitting
- (1) Angled Connector
- (1) Case



The NEW APPION Solution



The OLD Problem

0.5% FS*
+
-
0.27° F

*Full Scale (Pressure)

High Accuracy
Temperature
& Pressure
Measurement

Stub Gauge
Connections
= Low Loss



Durable &
IP65 Rated

Sensor Mounts
To Any Size
Pipe

