

# ***ION PT Gauges***

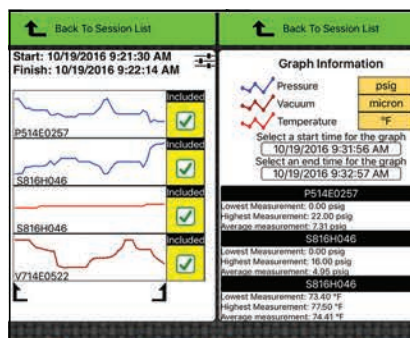
## ***Pressure / Temperature***



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



**Remote, Real-Time  
Readings**



**Live Data Logging  
and Reporting<sup>†</sup>**



**Built to Withstand  
Real-World Conditions**

<sup>†</sup> allows for documentation of system commissioning service work for compliance with state and local Acceptance Testing.



# ION PT Gauges

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

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

## 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

- **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**

