

ManTooth™ Wireless Digital P/T Gauge



YELLOW JACKET®

67001
ManTooth Single Pressure Wireless
Digital P/T Gauge



Simplify and automate measurements, save time, share data and reduce costs

The YELLOW JACKET® ManTooth™ Wireless Digital Pressure/Temperature Gauge provides wireless connection to your smart device so you can test the system without losing refrigerant (no hoses or manifolds necessary)!

The free downloadable ManTooth RSA app wirelessly calculates and displays the system's actual pressures, temperatures, superheat and subcooling in an easy-to-read color format on your iPhone®, iPad® or Android™ device.

Additional Features:

- Built-in Schrader ports to easily adjust refrigerant charge
- Range up to 400'
- YELLOW JACKET ManTooth RSA app (free download)
- Two-year warranty
- Screenshot feature allows you to save pressure and temperature readings from your sessions which can be automatically organized by location and unit being serviced
- Share screenshots via e-mail right from your phone
- Easily track and store service history
- Rechargeable lithium polymer battery with 10 hours battery life

The YELLOW JACKET® ManTooth™ **Single Pressure** Wireless Digital P/T Gauge (Part #67001, shown at left) includes a single hardware device and clamp.

For dual pressure readings, use two of the 67001 YELLOW JACKET ManTooth single pressure gauges or the YELLOW JACKET ManTooth **Dual Pressure Unit** (Part #67002) comes with a P/T module, tether unit and two temperature probe clamps. This unit also includes a convenient carrying case which can be purchased separately for the single pressure unit.



67002
ManTooth Dual Pressure
Wireless Digital P/T Gauge

UPC #	Description
67001	ManTooth™ Single Pressure Gauge (includes P/T Module with boot, temperature probe clamp, and USB cable)
67002	ManTooth™ Dual Pressure Gauge Set (includes P/T Module and tether unit with boots, two temperature probe clamps, a USB cable and case)
UPC #	Replacement Parts
67010	Clamp
67012	USB cord
67013	Boot
67014	Carrying case
93394	Tether cap
19020	Hose gaskets (10 pak)
19302	Valve depressor (10 pak)
19305	Schrader valve (10 pak)



Made for iPhone 5s, iPhone 5c, iPhone 5, iPhone 4s, iPhone 4, iPad Air, iPad mini with Retina display, iPad (4th generation), iPad (3rd generation), iPad 2

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Specifications:

Pressure Sensing Resolution	0.1 psi, 0.1 bar, 1 kPa, 0.001 MPa, 0.01 kg/cm ²
Pressure Sensing Accuracy	0.5% of full scale at 25°C; 1% of full scale 55°F to 130°F; 2% of full scale -40°F to 248°F
Working Pressure	0 – 700 psia (48.3 bar)
Proof Pressure	Tolerable pressure without internal damage 1000 psia
Burst Pressure	Tolerable pressure without loss of seal 1500 psia
Temperature Sensor Range (Instrument)	Sensing element: -40°F to 266°F (-40°C to 130°C) Max Cord temp: 176°F (80°C); Max Clamp Temp: 203°F (95°C)
Temperature Display Resolution	0.1°F or °C
Temperature Accuracy (Instrument)	±0.2°C (±0.36°F)
Working Temperature	-4°F to 160°F (-20°C to 71°C) Limited by battery
Storage Temperature	-4°F to 160°F (-20°C to 71°C)
Working Humidity	For best battery performance do not store at over 100°F (38°C) 0-95% RH (non-condensing)
IP Class	IP 50
Battery Life	10+ hours continuous
Range	Up to 400 Feet (limited by phone or tablet Bluetooth radio strength)
Bluetooth Radio	Class 1 Bluetooth 2.1 Radio
Size	6" long x 1.6" wide x 2.3" thick (15.3 x 4 x 5.8 cm)
Weight	0.5 lbs (225 grams)
Superheat and Subcool	Automatically calculated by the ManTooth App
Max. and Min. Pressures	Displays and records the maximum and minimum pressures
Refrigerant Database	98 NIST refrigerant profiles included; upgradeable
Screenshot Feature	Save pressure and temperature readings from your sessions which can be automatically organized by location and unit being serviced
Temperature Sensors	Capable of measuring 2 temperatures using high accuracy NTC thermistors
Pressure Transducers	67001 – one pressure transducer; 67002 – two pressure transducers
System Attachment	Very small internal volume minimizes refrigerant loss during system analysis. Standard manifolds and hoses can lose over 50 times more refrigerant with each connection.
Pressure Zeroing	Simple single button zeroing at the start of each session
Elevation Compensation	Enter elevation at the start of the session for effortless psia compensation
Battery	Rechargeable LiPo battery for long battery life and excellent recharging capability for the life of your ManTooth



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