

ManTooth™ Wireless Digital P/T Gauge



YELLOW JACKET®

67001/67003
ManTooth Single Pressure Wireless Digital P/T Gauge



The YELLOW JACKET® ManTooth™ Single Pressure Wireless Digital P/T Gauge (Part #67001, shown at left) includes a single hardware device and clamp. Two single units can be purchased in a case by ordering Part #67003.

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

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

| 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, and USB cable in case) |
| 67003 | Two (2) ManTooth™ Single Pressure Gauges (includes two P/T Modules with boots, two temperature probe clamps, and two USB cables in case) |
| UPC # | Replacement Parts |
| 67010 | Clamp |
| 67012 | USB cord |
| 67013 | Blue boot |
| 67015 | Red 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 6 Plus, iPhone 6, iPhone 5s, iPhone 5c, iPhone 5, iPhone 4s, iPhone 4, iPad Air 2, iPad Air, iPad mini 3, iPad with Retina display, iPad (4th generation), iPad (3rd generation), iPad 2

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Specifications:

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|--|---|
| 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 | 67001/67003 – 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 |



67001/67003 ManTooth Single Pressure Wireless Digital P/T Gauge



67002 ManTooth Dual Pressure Wireless Digital P/T Gauge

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