**ManTooth<sup>™</sup> Wireless Products** Vacuum Gauge and Vacuum, Pressure/Temperature Gauge Combination





# Eliminate tools, save time, and monitor vacuum process wirelessly.

The YELLOW JACKET<sup>®</sup> ManTooth<sup>™</sup> line provides technicians with a full line of wireless, smart-phone controlled product options when servicing cooling and refrigeration systems. The Bluetooth<sup>®</sup> based ManTooth family includes a vacuum-only gauge, a pressure/temperature only gauge, and a combination pressure/temperature/vacuum gauge, all available in single and dual units depending upon the needs of the service tech.

Each device utilizes a free downloadable ManTooth RSA app that calculates and displays the systems actual readings in an easy-toread format on your iPhone, iPad, or Android device.

### **Product Features:**

- Interchangeable/removable vacuum gauge
- Easy-to-clean vacuum sensor
- Built-in Schrader cores for easy refrigerant charging
- Operates with and without hoses attached
- Two year warranty •
- High impact glass reinforced housing •
- Rechargeable LiPo battery for long battery life •
- Robust/rugged vacuum sensor •
- Integral magnet for mounting on framework
- Integrated rubber side grip for easy handling •

## **App Features:**

- Available in English, French, Spanish, Dutch, and German.
- Data logging to record and document values during servicing
- Improved connectivity and reconnect process if signal is lost
- Ability to download logged data for graphing in Excel
- For iOS and Android devices
- Backwards compatible with existing ManTooth Devices (excluding vacuum gauge)

The YELLOW JACKET ManTooth-PTV (67023) shown below provides the full set for high and low side readings which

includes dual non-tethered pressure/temperature gauges, two wired temperature clamps, and one interchangeable vacuum gauge. The single ManTooth- PTV (67021) can be



combined with an

existing ManTooth P/T device (67001) for adding wireless vacuum capability and/or expanding it to a full system analysis tool.

The ManTooth-V vacuum gauge only (67020) is delivered in clamshell packaging while the ManTooth-PTV units are supplied in a carrying case. Cases can also be purchased separately.

Add coupler 19221 (90°) or 19121 (straight) to enable mounting on 5/16" systems.











Made for iPhone 6 Plus, iPhone 6, iPhone 5s, iPhone 5c, iPhone 5, iPhone 4, iPad Air 2, iPad Air, iPad mimi 3, iPad with Retina display, iPad (4th generation), iPad (3rd generation), iPad 2

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## **Pressure/Temperature Specifications:**

Pressure Sensing Resolution Pressure Sensing Accuracy Working Pressure Proof Pressure Burst Pressure Temperature Sensor Range (Instrument)

Temperature Display Resolution Temperature Accuracy (Instrument) Working Temperature Storage Temperature

Working Humidity IP Class Battery Life Range Bluetooth Radio Size Weight Superheat and Subcool Max. and Min. Pressures Refrigerant Database Screenshot Feature

Temperature Sensors Pressure Transducers System Attachment

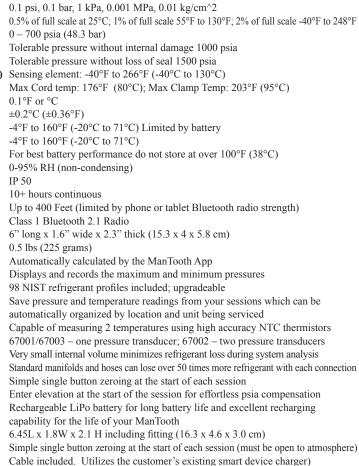
Pressure Zeroing Elevation Compensation Battery

Size Pressure Zeroing Battery Charging Method

### Vacuum Specifications:

Cord Length Magnet Strength Operational Temperature Range Calibration Resolution Warm-Up Time Response Time Approximately 33" 8 lbs. holding force 10 – 122F 12 – 50C Calibration standards traceable to NIST .1 micron Instant Instant

UPC #	Description
67001	ManTooth <sup>™</sup> PT Single with Rubber Boot
67002	ManTooth <sup>™</sup> PT Dual with Rubber Boot (Tethered)
67003	ManTooth <sup>™</sup> PT Dual with Rubber Boot (Non-Tethered)
67020	ManTooth-V (Vacuum Only) with Side Grip
67021	ManTooth-PTV Single with Side Grip
67023	ManTooth-PTV Dual with Side Grip
UPC #	Replacement Parts
67030	Vacuum Gauge
67012	USB Cord
67013	Boot (for 67001 and 67002)
67014	Carrying Case for 67001, 67002
67031	Carrying Case for 67020, 67021, 67023
93394	Tether Cap for 67001, 67002
67032	Tether Cap for 67020, 67021, 67023
19020	Hose Gaskets (10 pak)
19121	Straight 5/16" Flare Quick Connect x 1/4" Male Flare Coupler
19221	90° 5/16" Flare Quick Connect x 1/4" Male Flare Coupler
19302	Valve Depressor (10 pak)
19305	Schrader Valve (10 pak)









P/T Screen

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