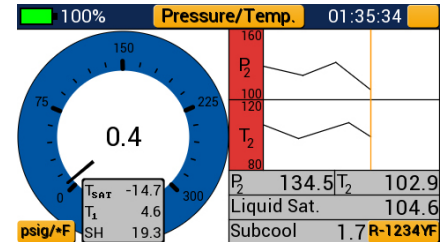


# 40870 P51 TITAN™ Digital Manifold



# YELLOW JACKET®



Designed and  
assembled in  
the U.S.A.



# YELLOW JACKET®

## 40870 includes:

- Vacuum sensor (P/N 67030)
- Set of four manifold hoses: (3) 60", 1/4" RYB (P/N 21985) and (1) 60", 3/8" yellow vacuum hose 3/8" straight x 3/8" 45° (P/N 18160)
- Two temperature clamps (P/N 67010) and two 6' extension cables
- USB Charging cable
- Backpack carrying case (P/N 10146)

## FEATURES/BENEFITS

- 4.3" Full color touch screen display
- Digital and graphical representation of pressure and temperature measurements
- 4-way TITAN valve block
- Measures high and low side pressures and temperatures
- Displays vapor and liquid saturation temperatures
- System superheat and subcooling calculations
- On board data logging; export to your computer through USB or to your phone via the ManTooth app
- Pressure hold mode displays rate of change for both vacuum and positive pressure measurements
- 126 refrigerant profiles stored in the instrument including new blends not currently on the Refprop database.
- Backlit display with auto-dimming
- Auto shut-off
- Bluetooth capability for use with ManTooth app
- Vacuum sensor for vacuum measurements, targets and leak testing (high and low alarms)
- Re-chargeable battery with battery life indicator
  - Continuous use no backlight: 80 hours
  - Continuous use full backlight: 4 hours
- US and international units (bar, psia, psig, kPa, MPa, kg/cm<sup>2</sup>)
- Maximum working pressure 700 psia (48.3 bar)
- USB charging port
- IP52 certified
- Robust housing
- Two year warranty

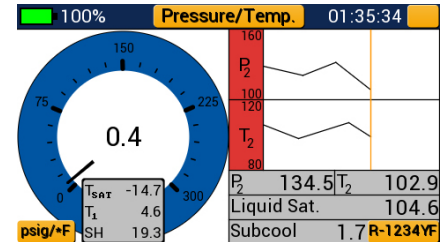
Ritchie Engineering Co., Inc.  
YELLOW JACKET Products Division  
10950 Hampshire Avenue South  
Bloomington, MN 55438-2623 USA  
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# 40875 P51 TITAN™ Digital Manifold



# YELLOW JACKET®

## For Mini-Splits



Designed and assembled in the U.S.A.



**YELLOW  
JACKET®**

### 40875 includes:

- Vacuum sensor (P/N 67030)
- Set of six 60" manifold hoses: (3) RYB compact ball valves (P/N 29985); (1) Y 3/8" str x 3/8" 45° (P/N 18160); (1) Blue, compact ball valve (1/4" x 5/16") (P/N 29425); and, (1) Red, compact ball valve (1/4" x 5/16") (P/N 29465)
- Two temperature clamps (P/N 67010) and two 6' extension cables
- USB Charging cable
- Backpack carrying case (P/N 10146)

### FEATURES/BENEFITS

- 4.3" Full color touch screen display
- Digital and graphical representation of pressure and temperature measurements
- 4-way TITAN valve block
- Measures high and low side pressures and temperatures
- Displays vapor and liquid saturation temperatures
- System superheat and subcooling calculations
- On board data logging; export to your computer through USB or to your phone via the ManTooth app
- Pressure hold mode displays rate of change for both vacuum and positive pressure measurements
- 126 refrigerant profiles stored in the instrument including new blends not currently on the Refprop database.
- Backlit display with auto-dimming
- Auto shut-off
- Bluetooth capability for use with ManTooth app
- Vacuum sensor for vacuum measurements, targets and leak testing (high and low alarms)
- Re-chargeable battery with battery life indicator
  - Continuous use no backlight: 80 hours
  - Continuous use full backlight: 4 hours
- US and international units (bar, psia, psig, kPa, MPa, kg/cm<sup>2</sup>)
- Maximum working pressure 700 psia (48.3 bar)
- USB charging port
- IP52 certified
- Robust housing
- Two year warranty

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