

P51 TITAN® DIGITAL MANIFOLDS



Accurate measurements, analysis and reporting in your hands, and Bluetooth® capability to put them at your fingertips.

The YELLOW JACKET® P51 TITAN® Digital Manifold Series provides ultimate system measurements with ease. This 4-valve manifold provides fast and accurate measurements for refrigeration and a/c systems. Measurements are displayed on a backlit digital display and can be transmitted via Bluetooth® to a Smartphone for even further analysis. Local display of system pressures and temperatures, superheat and subcool provide instant analysis. When connected to your Smartphone, target superheat and subcool are easily attained, along with all other capabilities of the YJACK VIEW® or the ManTooth® app.

The flagship YELLOW JACKET® P51-870 TITAN® features a 4.3" full color touchscreen graphic display with digital and graphical representation of pressure and temperature measurements. It also features on-board data logging and standard vacuum sensor and measurements (vacuum sensor included). A 4-pack of hoses is included as well as two temperature clamps and a backpack carrying case for safe storage.

P51-870 TITAN® ADDITIONAL FEATURES AND BENEFITS

- 4.3" full color touch screen display
- Digital and graphical representation of pressure and temperature measurements
- Vacuum sensor included
- Set of four manifold hoses included: (3) 1/4" RYB and (1) 3/8" yellow vacuum hose
- (2) temperature clamps included
- Backpack carrying case included
- Wirelessly measure and display relative humidity, dry bulb, wet bulb and dew point temperature alongside system pressure and temperature measurements (requires separate purchase of YJACK DEW® PN 67063)



P51 TITAN® SERIES FEATURES & BENEFITS

- 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 via USB
- YJACK VIEW® app used with 40870, 40875 and 40877; ManTooth® app used with 40860
- Bluetooth® capability
- Pressure hold mode displays rate of change for both vacuum and positive pressure measurements
- 4-way TITAN® valve block
- 126 refrigerant profiles stored in the instrument including new blends not currently in the REFPROP database
- Backlit display with auto-dimming
- Auto shut-off
- Includes two temperature clamps
- Optional vacuum sensor available (included with P51-870)
 - Vacuum measurements, targets and leak testing
 - High and low alarm
- Re-chargeable battery with battery life indicator
 - Continuous use no backlight: 80 hours
 - Continuous use full backlight: 5 hours (40860)
4 hours (40870)
- US and International units (bar, psia, psig, kPa, MPa, kg/cm²)
- Maximum working pressure 700 psia (48.3 bar)
- USB charging port
- IP52 certified
- Robust housing
- Two-year warranty
- Made in the USA 