BLACK**MAX**®

DIGITAL MANIFOLDS
INDUSTRY LEADING ACCURACY
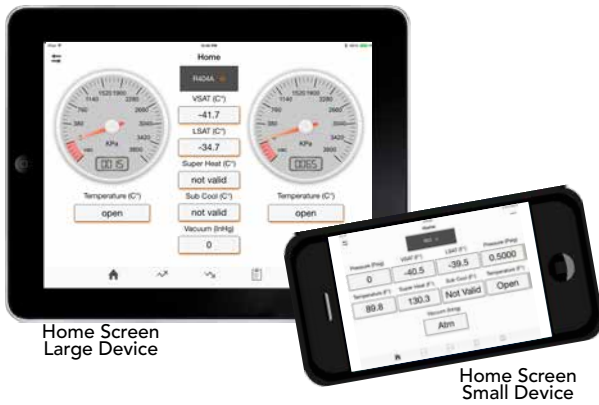
wireless

BLACKMAX® WIRELESS DIGITAL MANIFOLDS WITH CPS LINK™ APP

BLACKMAX® digital manifolds from CPS Products, Inc. combine the latest manifold design and electronic measurement features into one easy-to-use, accurate and water resistant product in a rugged nylon plastic housing, incorporating a durable elastomeric keypad and large backlighted LCD display. Two and four valve manifolds are designed and manufactured in the U.S.A. with U.S. and globally sourced components.

CPS is pleased to announce the introduction of CPS Link™, an iOS or Android based mobile application (APP), designed to communicate with and control select functions of BLACKMAX® Digital Wireless Manifolds.

Connections For Thermistor Sensors

High Impact LCD Window

Mode (Programming)

Refrigerants

Clear

Set (Enter Values)

On/Off

Superheat/ Subcool

Test (Pressure Hold, Vacuum Hold)

Backlight

Low Side Valve

High Side Valve

Vacuum Valve

Sightglass

Refrigerant Valve

MD100W

wireless

Home Screen Large Device

Home Screen Small Device

CPS LINK™ APP

CPS Link allows HVAC/R technicians the convenience of running and monitoring a BLACKMAX digital manifold (from up to 300 feet away), while also providing additional capabilities not found in non-wireless versions.
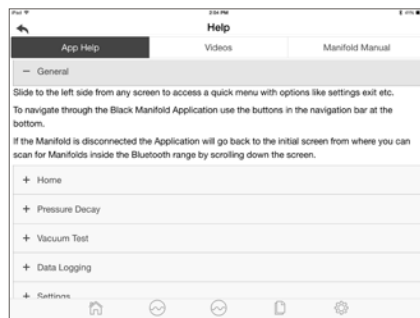
- Fast, convenient touch screen control
- Comprehensive views of system measurements
- Graphical depictions of test functions
- Data logging
- Geolocation data and more
- If your mobile device is not available, your wireless manifold may be operated as a stand alone device using the yellow keypad.
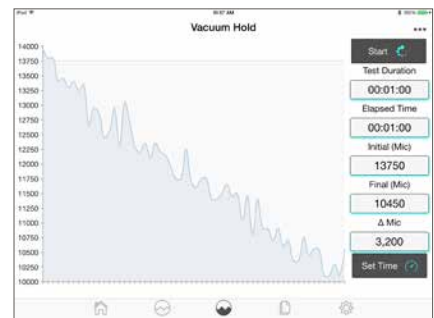

- Perform and monitor system measurements—in real time without the need to physically touch the manifold
- Alternate views for smaller mobile devices
- Color scheme change according to refrigerant
- Pressure hold or vacuum hold tests can be viewed, saved, stored or emailed as a graph
- Supports over 90 common refrigerants, with quick access to your favorite five
- APP updates for new refrigerants
- Change manifold units; (Pressure, Temperature, Vacuum)
- Multi-language

Access Favorite Five Refrigerants

Help Screen

Vacuum Hold Test

Visit us online at **www.cpsproducts.com**

BLACKMAX® LIMITED EDITION CAMO FINISH WIRELESS DIGITAL MANIFOLD

wireless

BLACKMAX® DIGITAL MANIFOLDS
BEST-IN-CLASS ACCURACY

- Pressure: 1% of reading pressure
- Temperature: superior thermistor sensors for +/- 0.2°C (+/- 0.4°F) accuracy
- Vacuum: direct system attachment achieves +/- 10 microns from 0 to 25,000 microns

SIMPLICITY AND VERSATILITY

- One key ON/OFF and function select
- Preloaded with 93 refrigerants
- Compatible with R744 subcritical CO_2 refrigerants
- One-touch access to your favorite five refrigerants
- Performs pressure decay and vacuum rise tests
- Uses 4AA alkaline or rechargeable batteries
- 25 hours of continuous battery life with backlight; 40 hours without

FULL SYSTEM MEASUREMENT

- 2 Pressures, 2 temperatures and vacuum (using MDXVG accessory)
- Vacuum rise and pressure decay test functions
- Simultaneously displays:
  - HI & LO Pressures, Superheat & Subcooling
  - HI & LO Pressures, T1 & T2
  - HI & LO Pressures, Saturation T1 & Saturation T2
  - HI & LO Pressures, Displays T1, T2 & Delta T

RUGGED DESIGN

- Rain-proof, high strength glass-filled nylon housing
- Precision machined anodized aluminum manifold body
- Proprietary Vortech™ valve systems (certified to 15 microns)
- High-impact polycarbonate LCD window
- Advanced sight glass design

MD100
Non-wireless 4 valve series

MD50
Non-wireless 2 valve series

Call and speak to a specialist. | Toll Free: **(800) 277-3808** | Customers outside the USA: **(305) 687-4121**

BLACKMAX® Digital Manifolds	Number Of Valves	5' Black & Chrome Ball Valve Charging Hoses 3 Pk (HP5BKEZ)	5' Heavy Duty Black & Chrome Vacuum Hose (1) (HV5Z)	Thermistor Sensor with 6' leads (MDXCP) x 2	Vacuum Gauge Accessory Kit* (MDXVG)	Rechargeable NiMH Battery and Universal Plug Kit** (MDXBK)	Soft Case For All MD Series (MDXSC)
MD50	2			✓	Optional	Optional	Optional
MD50W Wireless				✓	Optional	Optional	Optional
MD50HE		✓		✓	Optional	Optional	Optional
MD50WHE Wireless		✓		✓	Optional	Optional	Optional
MD50VHE		✓		✓	✓	Optional	Optional
MD50WVHE Wireless		✓		✓	✓	Optional	Optional
MD100	4	Optional		✓	Optional	Optional	Optional
MD100W Wireless				✓	Optional	Optional	Optional
MD100HE		✓	✓	✓	Optional	Optional	Optional
MD100WHE Wireless		✓	✓	✓	Optional	Optional	Optional
MD100VHE		✓	✓	✓	✓	Optional	Optional
MD100WVHE Wireless		✓	✓	✓	✓	Optional	Optional
MD100WVHEC Wireless NEW! CAMO Limited Edition		✓	✓	✓	✓	Optional	Optional

*Includes Vacuum Accessory & 1 AVT45 ¼" SAE Brass Tee Connector. **Includes 1 Universal Charger With 5' Cord; 4 rechargeable NiMH batteries, 1 U.S. Plug, 1 Euro Plug, 1 Australia/New Zeeland/China Plug, 1 UK/Ireland/Singapore/Hong Kong Plug.

Visit us online at **www.cpsproducts.com**

Service Manifolds and Guages