JOIN THE SPARTAN REVOLUTION AND MOVE WITH US INTO THE FUTURE OF A/C DIAGNOSTICS AND SERVICE

NEW

MADE IN USA

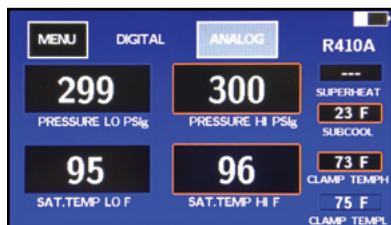**4.3" Color LCD**
provides easy to read diagnostic information

Responsive Touchscreen
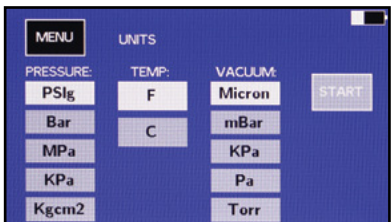enables navigation with a quick tap of the finger

Bluetooth® Wireless Technology
allows information to be viewed on compatible hand-held smart devices via the Mastercool Connect app

Analog Dashboard

Digital Dashboard

Units Dashboard

FEATURES:
- CLASS 1.0 GAUGE provides accurate, high quality readings
- 4.3" COLOR TOUCHSCREEN to navigate with a quick slide of the finger
- PREMIUM BUILT IN VACUUM SENSOR with a resolution down to 1 micron
- DISPLAYS PRESSURE, VACUUM, TEMPERATURE, and will automatically calculate superheat and subcool temperatures
- OVER 60 pre-programmed refrigerants included (see www.mastercool.com for complete list)
- BLUETOOTH WIRELESS TECHNOLOGY provides communication with the Mastercool Connect app to allow for full mobility as activity can be easily viewed on all compatible hand-held devices
- LOW BATTERY INDICATOR on the LCD shows when battery needs charging
- RECORD AND STORE UP TO 36 HOURS OF DATA to the manifold memory
- OPTIONAL PREMIUM TEMPERATURE CLAMP with K-type connector
- AUTO-OFF AFTER 30 MINUTES of inactivity helps to conserve battery life
- PRESSURE LEAK TEST FUNCTION displays delta for both vacuum and positive pressure measurements
- EASILY SWITCH BETWEEN DIGITAL AND ANALOG depictions of pressure and temperature
- SIMPLE CALIBRATION for ultimate utility

SPECIFICATIONS:
- Gauge: Class 1.0
- Pressure Display: psi, bar, MPa, kg/cm^2
- Temperature Display: ˚F or ˚C
- Deep Vacuum Display: micron, mBar, kPa, Pa, Torr, mTorr, mmHg
- Sensing Resolution: 1 psi (.07 bar, .007 MPa, .07 kg/cm^2)
- Sensing Accuracy: ±1 psi or 1% of reading (whichever is greater)
- Working Pressure: 0 to 725 psi (50 bar, 5 MPa, 52 kg/cm^2)
- Proof Pressure: 1000 psi (70 bar, 7 MPa, 70 kg/cm^2) (Tolerable pressure without internal damage)
- Refrigerant Temperature Range: -40 to 200˚F (-40 to 93˚C)
- Operating Temperature: 32 to 122˚F (0 to 45˚C)
- Temperature Accuracy: ±1˚F (±0.5˚C) between 32 to 160˚F (0 to 71˚C)
- Storage Temperature: 10 to 120˚F (-12 to 49˚C) (non-condensing)
- Vacuum Sensor: Range 20,000 to 1 micron
- Connections: 1/4" m-flare and 3/8" m-fl (vacuum hose connection (4 way only))
- Power: Li-Ion rechargeable battery (USB type C connector supplied)
- Battery Life: 30-36 hours normal use (25-30 hours with bluetooth enabled)
- Auto-Off: After 30 minutes, sleep mode 4 minutes

Specifications for Bluetooth® wireless technology:
- 260' (80m) maximum line-of-sight range
- Bluetooth® 4.2 and 5

CALL 973 252-9119   **CLICK** www.mastercool.com

99923-CPORT
USB TYPE C CABLE

HEAVY-DUTY HOOK
folds back into the unit for compact storage

52036
ERGONOMIC CLAMP-ON K TYPE PROBE
3 ft (1 m)

USB TYPE C
CONNECTOR PORT
enables charging of
the li-ion battery

LOW SIDE CLAMP-ON
THERMOCOUPLE PORT
allows the unit to display
actual temperature and
automatically calculate
superheat or subcool
temperature

HIGH SIDE
CLAMP-ON
THERMOCOUPLE PORT

LARGE COLOR KNOBS
open and close quickly
and easily

4.3" COLOR
TOUCHSCREEN LCD
provides easy navigation
with a touch of the finger

RUGGED ABS CASE
for lasting performance
and durability

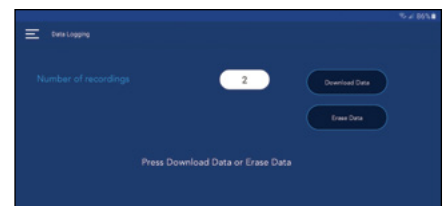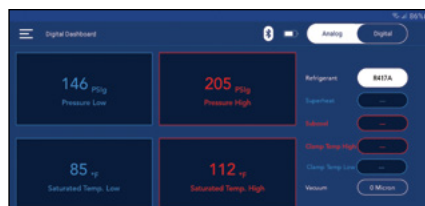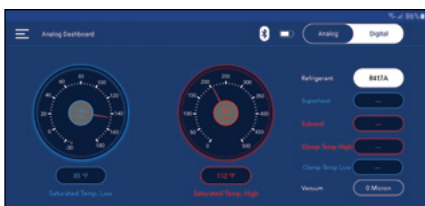PROTECTIVE RUBBER BOOT
safeguards the unit

MASTERCOOL CONNECT APP
Simply download the free Mastercool Connect app to begin receiving and analyzing data from any nearby Mastercool Spartan Smart Manifold.

Download on the App Store

GET IT ON Google Play

Use the Spartan Smart Manifold and the Mastercool Connect App to:
- Provide all of the manifold's data remotely. Sit back in a comfortable location and watch the system's performance.
- Leak test for both pressure and vacuum. Check on the test's progress while performing other tasks away from the unit.
- Datalog the system's performance for up to 36 hours. Save all of the values of the system's performance throughout the day and overnight without having to manually record them. The app gives you a way to download the information from the manifold and forward the file to your favorite spreadsheet program for analysis.

Mastercool Inc.®
"World Class Quality"

SPARTAN SMART MANIFOLD with Bluetooth® Wireless Technology

NEW

MADE IN USA

Mastercool's SPARTAN series smart manifold with Bluetooth® wireless technology is equipped with a 4.3" color touchscreen LCD, allowing the user to navigate through all of the screens and options with a quick tap of their finger. Now with a built-in premium vacuum sensor and an accuracy down to 1 micron, there is no need for additional equipment to properly diagnose and service your A/C system.

99923-BT-2

99926-BT-2

SPARTAN 2 WAY SMART MANIFOLD

	HIGH PRESSURE HOSES WITH STANDARD FITTINGS	TEMPERATURE CLAMP	BLACK VACUUM HOSE	USB TYPE C CONNECTOR
99923-BT	-	-	-	1
99923-BT-2	-	2	-	1
99926-BT-2 >>POPULAR<<	60"	2	-	1
99927-BT-2	72"	2	-	1

SPARTAN 4 WAY SMART MANIFOLD

99943-BT	-	-	-	1
99943-BT-2	-	2	-	1
99946-BT-2 >>POPULAR<<	60"	2	1	1
99947-BT-2	72"	2	1	1

52036

99923-CPORT

90413

99333

90411

99946-BT-2

OPTIONAL ACCESSORIES

52036	Ergonomic Clamp-on K Type Probe – 3 ft (1 m)
52108	Ergonomic Clamp-on K Type Probe – 10 ft (3 m)
99923-CPORT	USB Type C Cable
90413	R410A Straight Adapter 1/4" FL-M x 5/16" Swivel-F
99332	1/8" NPT x 1/4"-FL Swivel Adapter
90411	1/4" x 5/16" Flex Adapter with Ball Valve
99333	1/4" FL-M x 1/4" FL-M x 1/4" FL-F Tee
99923-PB	Plastic Molded Case