

4-way professional digital pressure gauge unit kit with vacuum sensor, supplied in a carrying case

TSC200011



DESCRIPTION

Professional digital pressure gauge assembly kit with Bluetooth® wireless technology.

This smart gauge unit is equipped with a 4" colour touchscreen LCD display which allows the user to navigate through all screens and options with a simple swipe of the finger.

Now with a built-in premium vacuum sensor and up to 1 micron precision, no additional equipment is needed to properly diagnose and repair the A/C system.

In the 4-way configuration, this manifold will display pressure, vacuum, temperature and automatically calculate overheating and undercooling.

This model has data logging and will offer additional features such as leak test timers and alarms, but that's not all!

It will in fact be possible to download the free app Mastercool Connect, which will provide full mobility, since the activity can be easily viewed on all compatible portable devices.

This will allow endless amounts of data collection and diagnostics at your fingertips.

REFRIGERANTS INCLUDED

R12, R22, R23, R32, R113, R114, R115, R116, R123, R1234yf, R1234ez, R1270, R124, R134, R134a, R141b, R142b, R143, R143a, R152a, R170, 227ea, R290, R401A, R401B, R404A, R407A, R407B, R407C, R407D, 407F, R409A, R410A, R410B, R411A, R411B, R412A, R413A, R414A, 414B, R417A, R422A, R422B, R422C, R422D, R427A, R434A, R437A, R438A, 441A, R443A, R448A, R449A, R452A, R452B, R454B, R455A, R456A, R501, R502, R503, R504, R507A, R508B, R509A, R513A, R514A, R600, R600a, R601a, R601A, R744

TECHNICAL SPECIFICATIONS:

- Pressure gauges class 1.0
- Pressure display psi, bar, MPa, kg/cm², kPa
- Temperature display F or °C
- Vacuum display μ, mbar, kPa, Pa, torr, mTorr, mmHg
- Detection resolution 1 psi (.07 bar, .007 MPa, .07 kg/cm²)
- Detection accuracy ± 1 psi or 1% of reading (whichever is greater)
- Operating pressure from 0 to 725 psi (50 bar, 5 MPa, 52 kg/cm²)
- 1000 psi (70 bar, 7 MPa, 70 kg/cm²) test pressure (tolerable pressure with no 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 and 160°F (0 to 71°C)
- Storage temperature 10 to 120°F (-12 to 49°C)
- Vacuum sensor range 20,000 - 1 micron
- 1/4" m-flare and 3/8" m-fl connections
- Power supply rechargeable lithium-ion battery (charging via supplied USB Type-C connector)
- Battery life 30-36 hours of normal use (25-30 hours with Bluetooth enabled)
- Automatic shut-down: after 30 minutes sleep mode 4 minutes
- Data logger up to 36 hours
- Maximum visible range 80 metres
- Bluetooth 4.2 and 5

THE KIT CONSISTS OF:

- Professional 4-way digital pressure gauge unit in carrying case
- No. 1 thermocouple per pressure gauge unit cable length 1 m
- Pack includes 3 hoses for gase R410A - R32 length 1.5 m
- Vacuum sensor

ITEMS

CODE	DESCRIPTION
TSC200011	PROFESSIONAL 4-WAY DIGITAL PRESSURE GAUGE KIT IN CARRYING CASE, WITH VACUUM SENSOR