EXTECH INSTRUMENTS

PRODUCT DATASHEET

HD780 Digital Manifold/ Pressure Gauge

Extech's Heavy duty Digital Manifold/Pressure Gauge simultaneously measures suction line or liquid line pressure and line temperature to calculate and display superheat and sub cooling for A/C units. It also has dual inputs measuring differential pressure (P1-P2) and Type K temperature (T1-T2). For use with R22 and R410A refrigerants. Included are heavy duty connection hoses, Type K Temperature Clamp probe, and bead wire Temperature probe.

Features

- Dual differential inputs for pressure and temperature
- Displays 5 types of pressure units
- For use with R22 and R410A refrigerants
- Standard 1/4 NPT male flare fittings
- Large backlit LCD displays P1, P2, P1-P2, T1, T2, T1-T2, Ambient Temperature, plus Min/Max/Avg
- Dual Type K inputs with Electronic Offset adjustment to compensate for thermocouple differences
- Large multi-line backlit LCD display
- Data Hold plus Auto power off
- Complete with two heavy duty pressure hoses, protective rubber holster, two Type K temperature clamp probes, two general purpose Type K bead wire temperature probes, Universal AC adaptor with plugs (US, EU, UK, AUS), 9V battery, and hard case

Pressure/Vacuum	Range	Resolution	Basic Accuracy
psi	-14 to 500psi	0.1psi	±1psi
bar	-0.96 to 34.47bar	0.01bar	±0.1bar
kPa	-96 to 3447kPa	1kPa	±7kPa
inHg	-28 to 999.9inHg	0.1inHg	±2inHg
cmHg	-72 to 2585cmHg	1cmHg	±5cmHg
Temperature (Type K)	-76°F to 999.9°F (-60°C to 537.0°C)	0.1°F/°C	±(0.15%rdg + 1.8°F/1°C)
Temperature (Ambient - NTC)	32.0°F to 122.0°F (0°C to 50.0°C)	0.1°F/°C	±2°F/1°C
Maximum Overload Pressure	800psi	±(4.0%+20d)	
Dimensions	8.3 x 3.1 x 2" (212 x 78 x 51mm)		
Weight	11.9oz (338g)		

Ordering

HD780..... Digital Manifold/Pressure Gauge

UPC Code: 793950107805

Contact:
Industrial Process Measurement, Inc.
3910 Park Avenue, Unit 7
Edison, NJ 08820
732-632-6400
support@instrumentation2000.com
http://www.instrumentation2000.com