

HIGH-ACCURACY DIGITAL **BAROMETER KIT**WITH NIST-TRACEABLE CERTIFICATION





- NIST-Traceable **Calibration Certificate**
- ✓ Very High Accuracy: ±0.02% FS
- Measures Absolute or **Sea Level Barometric Pressure**
- Altitude Mode with Local **Height and Temperature Corrections**
- Stability Better Than 100 ppm per Year
- ✓ Standard RS232 **Communications**

OMEGA's DPI740 is a highaccuracy, handheld barometer suitable for the most demanding field or laboratory applications. It can measure absolute barometric pressure or barometric pressure corrected to sea level. Pressure can be displayed in 1 of 24 different engineering units. In addition, the DPI740 can display altitude in feet or meters.

SPECIFICATIONS

Measuring Range: 23 to 34 in Hg absolute **Accuracy:** ±0.02% FS @ -10 to 50°C (15 to 120°F) Operating Temp: -10 to 50°C

(14 to 122°F)

Storage Temp: -40 to 71°C

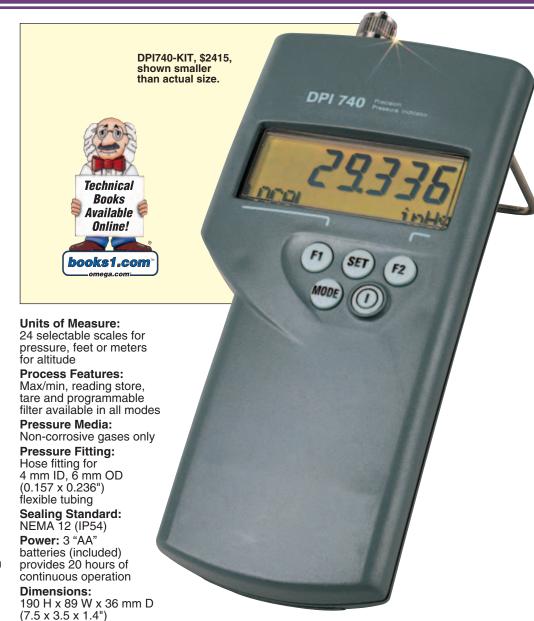
(-40 to 160°F)

Safe Overpressure: 0 to 118 inHg will

not cause calibration change Resolution: 0.0003 inHa

Display Update: 2 readings per second Operating Modes: Local pressure, sea level pressure from user-set height,

altitude from user-set datum



AVAILABLE FOR FAST DELIVERY!

To Order <i>(Specify Model Number)</i>		
MODEL NO.	PRICE	DESCRIPTION
DPI740-KIT	\$2415	Handheld barometer kit
DPI740-BATT	70	1 Ni-Cad battery (optional, 3 required)
DPI740-CHARGER	95	115/220 Vac battery charger (optional)

ACCESSORY

Weight: 0.5 kg (1.1 lb)

MODEL NO.	PRICE	DESCRIPTION
ES-2167	\$100	Reference Book: Atmospheric Dispersion Modeling

Comes complete with rugged transit case, soft carrying case, RS232 cable, 3 "AA" batteries, NIST calibration certificate and operator's manual.

Ordering Example: DPI740-KIT, handheld barometer kit, 3 of DPI740-BATT, adds rechargeable batteries and **DPI740-CHARGER**, charger to kit, \$2415 + 210 + 95 = **\$2720**.

omega.co.uk®

Your One-Stop Source for Process Measurement and Control!

www.omega.co.uk



UNITED STATES

www.omega.com 1-800-TC-OMEGA Stamford, CT.

CANADA

www.omega.ca Laval(Quebec) 1-800-TC-OMEGA

GERMANY

www.omega.de Deckenpfronn, Germany 0800-8266342

UNITED KINGDOM

Freephone 0800 488 488 | International +44(0) 161 777 6622 | Fax +44(0) 161 777 6622

www. omega.co.uk Manchester, England 0800-488-488 +44-(0)161-777-6611

FRANCE

www.omega.fr 0800-466-342

BENELUX

www.omega.nl 0800-099-33-44



Sales@omega.co.uk

More than 100,000 Products Available!

Temperature

Calibrators, Connectors, General Test and Measurement Instruments, Handheld Instruments for Temperature Measurement, Ice Point References, Indicating Labels, Crayons, Cements and Lacquers, Infrared Temperature Measurement Instruments, Recorders, Relative Humidity Measurement Instruments, PT100 Probes, PT100 Elements, Temperature & Process Meters, Timers and Counters, Temperature and Process Controllers and Power Switching Devices, Thermistor Elements, Probes and Assemblies, Thermocouples, Thermowells and Head and Well Assemblies, Transmitters, Thermocouple Wire, RTD Probes

Flow and Level

Air Velocity Indicators, Doppler Flowmeters, Level Measurement, Magnetic Flowmeters, Mass Flowmeters, Pitot Tubes, Pumps, Rotameters, Turbine and Paddle Wheel Flowmeters, Ultrasonic Flowmeters, Valves, Variable Area Flowmeters, Vortex Shedding Flowmeters

pH and Conductivity

Conductivity Instrumentation, Dissolved Oxygen Instrumentation, Environmental Instrumentation, pH Electrodes and Instruments, Water and Soil Analysis Instrumentation

Data Acquisition

Communication Products and Converters, Data Acquisition and Analysis Software, Data Loggers Plug-in Cards, Signal Conditioners, USB, RS232, RS485, Ehernet and Parallel Port Data Acquisition Systems, Wireless Transmitters and Receivers

Pressure, Strain and Force

Displacement Transducers, Dynamic Measurement Force Sensors, Instrumentation for Pressure and Strain Measurements, Load Cells, Pressure Gauges, Pressure Reference Section, Pressure Switches, Pressure Transducers, Proximity Transducers, Regulators, Pressure Transmitters, Strain Gauges, Torque Transducers, Valves

Heaters

Band Heaters, Cartridge Heaters, Circulation Heaters, Comfort Heaters, Controllers, Meters and Switching Devices, Flexible Heaters, General Test and Measurement Instruments, Heater Hook-up Wire, Heating Cable Systems, Immersion Heaters, Process Air and Duct, Heaters, Radiant Heaters, Strip Heaters, Tubular Heaters