



HIGH-ACCURACY DIGITAL BAROMETER KIT WITH NIST-TRACEABLE CERTIFICATION

DPI740-KIT
\$2415



- ✓ NIST-Traceable Calibration Certificate
- ✓ Very High Accuracy: $\pm 0.02\%$ 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 high-accuracy, 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 inHg absolute
Accuracy: $\pm 0.02\%$ 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 inHg
Display Update: 2 readings per second
Operating Modes: Local pressure, sea level pressure from user-set height, altitude from user-set datum

DPI740-KIT, \$2415, shown smaller than actual size.



Units of Measure: 24 selectable scales for pressure, feet or meters for altitude
Process Features: Max/min, reading store, tare and programmable filter available in all modes
Pressure Media: Non-corrosive gases only
Pressure Fitting: Hose fitting for 4 mm ID, 6 mm OD (0.157 x 0.236") flexible tubing
Sealing Standard: NEMA 12 (IP54)
Power: 3 "AA" batteries (included) provides 20 hours of continuous operation
Dimensions: 190 H x 89 W x 36 mm D (7.5 x 3.5 x 1.4")
Weight: 0.5 kg (1.1 lb)

AVAILABLE FOR FAST DELIVERY!

To Order (Specify Model Number)

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

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.

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