

HIGH-ACCURACY DIGITAL BAROMETER KIT WITH NIST-TRACEABLE CERTIFICATION

DISCONTINUED

DPI740-KIT



Standard

- ✓ NIST-Traceable Calibration Certificate Included
- ✓ Very High Accuracy: $\pm 0.02\%$ Full Scale
- ✓ 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



Kit comes complete with rugged transit case, soft carrying case, RS232 cable, and 3 "AA" batteries.



DPI740-KIT, shown smaller than actual size.

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.

Operating Modes: Local pressure, sea level pressure from user-set height, altitude from user-set datum

Units of Measure: 24 selectable scales for pressure, feet or meters for altitude

Process Features: Maximum/minimum, 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)

SPECIFICATIONS

Measuring Range:

23 to 34 inHg absolute

Accuracy: $\pm 0.02\%$ full scale @ -10 to 50°C (14 to 122°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

To Order

MODEL NO.	DESCRIPTION
DPI740-KIT	Handheld barometer kit

ACCESSORIES

MODEL NO.	DESCRIPTION
DPI740-BATT	1 Ni-Cad battery (optional, 3 required)
DPI740-CHARGER	115/220 Vac battery charger (optional)

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.

DISCONTINUED