



**bar DIGIQUARTZ®  
BROADBAND BAROMETERS**



Model 6000-16B Intelligent Barometer



Model 745-16B Laboratory Barometric Standard



Model 765-16B Field Barometric Standard

**PERFORMANCE\***

- ±0.08 hPa Accuracy
- Stability better than 0.1 hPa per year
- Parts-per-billion Resolution (Models 745 & 6000-16B)

**RANGES**

- 500 hPa to 1100 hPa (Models 745 & 765)
- 620 hPa to 1100 hPa (Model 6000-16B)

**FEATURES**

- Taring
- Low Power
- Data logging (Model 765)
- Remote communication interface
  - RS-232 (All Models)
  - RS-485 (Series 6000-16B)
  - USB (Model 765)
- Battery operation (Models 745 & 765)
- Front panel controls (Models 745 & 765)
- Free configuration and logging software

**QUALITY AND STANDARDS**

- NIST traceable
- 3-year stability warranty + 5-year limited warranty

**APPLICATION AREAS**

- Metrology
- Aerospace
- Process Control
- Altimeter Setting Indicators
- Infrasound\*
- Meteorology
- Reference Barometers
- Laboratory Instrumentation

\* Infrasound Model 6000-16B-IS is GPS-enabled

\*\* Products defined by specification control drawing

Digiquartz® Broadband Barometers are used for applications where high accuracy, resolution, reliability, longterm stability and low total cost of ownership are critical parameters. Accuracy of ±0.08 hPa is achieved under both laboratory and field conditions. The Broadband Barometers measure absolute full-scale atmospheric pressure for airport measurements, weather, GPS-MET, and climate studies. High-resolution dynamic measurements of infrasound signals can be made to 0.0003 Pa to detect microbaroms, severe weather, tornadoes, tsunamis, volcanic eruptions, avalanches, nuclear tests, and turbulence. The recommended model for infrasound measurements is the GPS-enabled Model 6000-16B-IS.

Paroscientific is certified to the ISO 9001 International Quality Standards. We offer a 3-year stability warranty on all broadband barometers and a market-leading 5-year limited warranty on all Digiquartz® Transducers with the first two years covered at 100%.

The information provided herein is to the best of our knowledge true and accurate, it is provided for guidance only. All specifications are subject to change without prior notification.

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Althen stands for pioneering measurement and custom sensor solutions. In addition we offer services such as calibration, design & engineering, training and renting of measurement equipment.

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