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
   Infrasound*
   Aerospace
   Meteorology
   Process Control
   Reference Barometers
   Altimeter Setting Indicators
   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, long-term 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%.
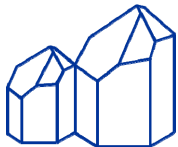
Paroscientific, Inc.
Digiquartz® Pressure Instrumentation