

Absolute Pressure Transducers

Series 3000 & 4000



Series 3000 Absolute Pressure Transducer



Series 4000 Absolute Pressure Transducer

RANGES

9 Absolute Ranges

0-1000 psia to 0-40000 psia

FEATURES

- 0.01% Accuracy
- 0.0001% Resolution
- Frequency Outputs
- Low Power Consumption
- NIST Traceable Calibration
- High Stability and Reliability
- On-board Coefficient Storage
- On-board Application Memory
- ISO 9001:2000 Quality System
- Fully Calibrated and Characterized

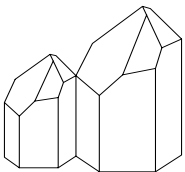
APPLICATION AREAS

- Metrology
- Oceanography
- Oil Well Testing
- Energy Exploration
- Laboratory Standards
- Process Control Systems
- Pressure Calibration Systems

Paroscientific manufactures and sells a complete line of high precision pressure instrumentation. Resolution of better than 0.0001% and typical accuracy of 0.01% are achieved even under harsh environmental conditions. Resolution and accuracy comparable to the primary standards make the Digiquartz® Transducers essential for a variety of application areas where **high resolution, accuracy, reliability, ruggedness, long-term stability, low power consumption** and **low cost of ownership** are important requirements.

The remarkable performance of these transducers is achieved through the use of a precision quartz crystal resonator whose frequency of oscillation varies with pressure induced stress. A quartz crystal temperature signal is provided to thermally compensate the calculated pressure and achieve high accuracy over a broad range of temperatures. The transducers include integral shock protection to withstand extremely high acceleration, shock, and vibrational loads.

A Quality Management System that is certified to the requirements of the ISO 9001:2000 International Quality Standard provides consistency in our products and processes from design and development through production, calibration, test, and servicing. Our quality system and commitment to excellence ensure customers of outstanding products and services. As a result, we offer a **market-leading** five year limited **warranty** on all Digiquartz® Transducers with the first two years covered at 100%.



Paroscientific, Inc.
Digiquartz® Pressure Instrumentation

