Paroscientific manufactures and sells a complete line of high precision pressure instrumentation. Parts-per-billion resolution and typical accuracy of 0.01% are achieved even under harsh environmental conditions. Digiquartz® Transducers are 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.

Our Quality Management System is certified to the requirements of the ISO 9001 International Quality Standard. It 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. We offer a market-leading five year limited warranty on all Digiquartz® Transducers with the first two years covered at 100%.

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Digiquartz® Pressure Instrumentation
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