Wind Tunnel and Flight Test Pressure Transducers

Where Innovation, Technology and Design Come Together
World’s Smallest Transducers
For Wind Tunnel Testing
and the Flight Test Engineer

**LQ-062 / LL-072 / LQ-125 / LL-250**
**FLAT PACK SERIES**
- World’s Smallest
- Patented Leadless Technology
- Surface Mount for Blades/Vanes with High “S” Level
- For Dynamic and Static Measurements
- Pressure Survey on Blades, Structures and Acoustic Pressure Measurement

**XCL/XCEL-072 SERIES**
- Patented Leadless Technology
- Probe Type Pressure Transducer
- For Dynamic and Static Measurements
- Inlet Pressure Measurement
- Front and Back of Compressor Measurement
- Burner Pressure Measurement

**Amplified and Microprocessor Corrected Flatpacks**
- 5 VDC Output
- Nozzle and Fuselage Applications
- Moisture Protected

**XCL-062**
- World’s Smallest
- Ideal For Wind Tunnel Applications
- Excellent Static and Dynamic Performance
- Rugged
- 0.060” Diameter
- Available in All Standard Pressure Ranges

**Inline Amplifiers**
- 5, 10 VDC
- 4-20mA
- Microprocessor Corrected
- Digital Output

**XTL/XTEL-140 SERIES**
- World’s Smallest
- Patented Leadless Technology
- Threaded Pressure Transducer
- For Dynamic and Static Measurements
- Wide Compensated Temperature Range
- -40°F to +450°F (-40°C to +232°C)
- Miniature Probes and Multi-Package Racks

Flow Angle Probe
- FAP-250
- FAP-HT-250
- High Frequency
- Patented Ultra Miniature Rugged Design
- Temperature to 625°F (325°C) HT Series
- Ideal For Aero Propulsion Measurements and Complex Flow Structures

**XTEH-7L-190 SERIES**
- Patented Leadless Technology
- High Natural Frequency
- Suitable For Stall Avoidance Application
- -65°F to +750°F (-55°C to +399°C) Temperature Capability

Pressure and Temperature
Temperature Only Transducers
- World’s Smallest Pressure and Temperature Sensor at 6mm
- Combined Pressure and Temperature Capability
- Patented Leadless Technology

Pressure Scanner
- KMPS-1-64
- High Accuracy Digital Compensation
- Multiplexed Analog Output
- High Speed Digital Output (RS-485 or Ethernet)
- No Heating or Cooling Needed
- Wide Temperature Range
- -65°F to +250°F (-55°C to +121°C)
- Auto Zero
- Integral Purge
- Plug and Play Modules

Patent Pending
Kulite Miniature Pressure Transducers for Flight Test and Wind Tunnel Testing

Kulite is the first name in pressure transducers for the flight test and wind tunnel engineer. Kulite has been serving the wind tunnel and flight test community for over 50 years.

Kulite state-of-the-art pressure transducers are ideal for the flight test environment. The core technology is a patented piezoresistive silicon-on-insulator miniature sensing element. These transducers have found wide acceptance in aerospace applications, for wind tunnel, flight test and acoustic measurement with decades of use on many important flight test programs. Kulite has established the industry standard of excellence for dynamic pressure measurement. The extremely small size of these devices have made them uniquely suited to a large variety of test and production applications in industry and research and development.

Kulite offers custom outputs such as 5 or 10 volts, 4-20ma. Digital outputs such as RS-485, Ethernet, wireless and Canbus. High accuracy microprocessor corrected transducers are also available.

Kulite recognizes that the needs of the test community are unique. Kulite has available a product support team of engineers experienced in this field ready to work with you to provide the proper instrument for a given application. Kulite stands ready to offer in depth technical assistance and rapid turnaround times when required.