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TECHNOLOGY GROUP

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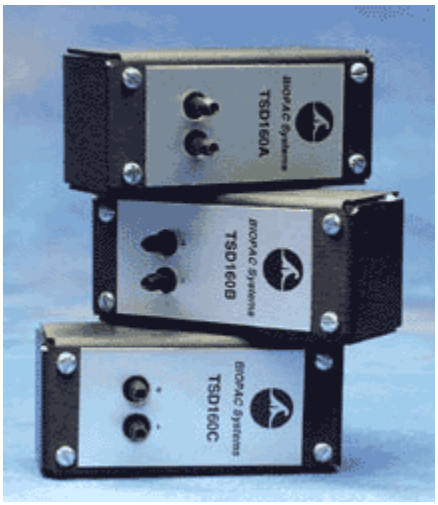
Expert team | Trust guarantee | 100% satisfaction

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Find the *BioPac TSD160A* at our website: *Click HERE*

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TSD 160 SERIES HIGH SENSITIVITY DIFFERENTIAL PRESSURE TRANSDUCERS



The TSD160 series differential pressure transducers are designed for low range pressure monitoring. The transducers plug directly into the DA100C general-purpose differential amplifier. The differential pressure ports are located on the front of the transducers and are easily connected to breathing circuits, pneumotachs or plethysmograph boxes. These transducers are very useful for interfacing a variety of small animal pneumotachs or plethysmographs to the MP System. The transducers are extremely sensitive and come in three ranges to suit a number of different applications. RX137 heads connect to the TSD160A differential pressure transducer via standard 3mm or 4mm ID tubing.

TSD160 SERIES SPECIFICATIONS

Part	TSD160A	TSD160B	TSD160C	TSD160D	TSD160E	TSD160F
Operational Pressure:	±2.5 cm H_2O	±12.5 cm H_2O	±25 cm H_2O	±75 cm H_2O	±350 cm H_2O	±1,000 cm H_2O
Overpressure (max):	±250 cm H_2O	±380 cm H_2O	±380 cm H_2O	±700 cm H_2O	±700 cm H_2O	±4,200 cm H2O
Voltage Output (normalized to 1 v excitation	327.5 µV/cm H_2O	131 µV/cm H_2O	65.5 µV/cm H_2O	21.9 µV/cm H_2O	14.22 µV/cm H_2O	7.11 µV/cm H_2O

Warm-up Drift:	±50µV
Stability:	±100µV
Operating Temperature:	0°C to +50°C (compensated)
Storage Temperature:	-40°C to +125°C
Combined Linearity and Hysteresis Error:	±0.05%
Dynamic Response:	100 Hz
Connection Ports:	Accepts 3 mm to 4.5 mm ID tubing
Dimensions:	8.3 cm (high) x 3.8 cm (wide) x 3.2 cm (deep)
Weight:	76 g
Interface:	DA100C

TSD160 SERIES CALIBRATION

See also: DA100C Calibration options.

Artisan Technology Group is an independent supplier of quality pre-owned equipment

Gold-standard solutions

Extend the life of your critical industrial, commercial, and military systems with our superior service and support.

We buy equipment

Planning to upgrade your current equipment? Have surplus equipment taking up shelf space? We'll give it a new home.

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