



APR-1 Ambient Pressure Reference

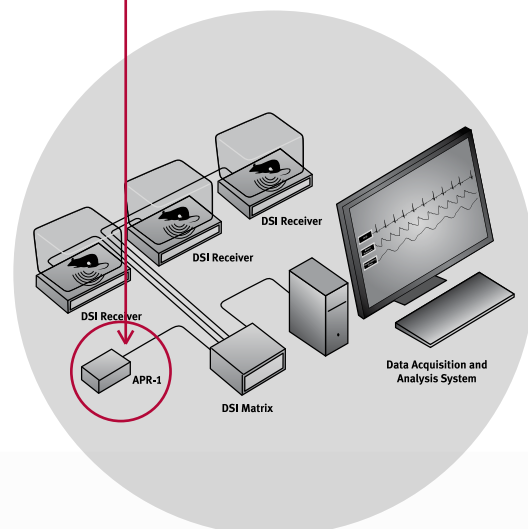
Correct Telemetry Pressure Measurements with Changes in Barometric Pressure.

Benefits:

- Dynamic system pressure correction for local ambient fluctuations eliminates data variations throughout each study.
- Accurate low drift pressure sensor for data accuracy and reliability over time.
- Automatic data corrections eliminate labor and calculations.
- Precalibrated solid state pressure sensor provides accurate, problem-free operation.
- Shock and temperature resistant design for durability and accuracy.
- Automatic recognition provides immediate start-up.

Product & Application Overview:

The APR-1 Ambient Pressure Reference is a required component of each DSI telemetry system where pressure measurements are being monitored in order to dynamically compensate for the effects change in barometric pressure has on the absolute (relative to vacuum) measurements taken by the telemetry implants.





APR-1 Specifications

Size	14 cm x 10.5 cm x 4 cm. (5" x 4" x 1.6")
Barometric Pressure Range	650-800 mmHg
Initial Accuracy	+/- 1.0 mmHg accuracy
Stability	< 0.5 mmHg drift/year
Other Features	Standard Ethernet RJ45 connector, Digital Data
Part Number	Catalog No. 275-0020-001
Maintenance	Recalibration: Annually (GLP), Biennially (non-GLP)

ADDITIONAL COMPONENTS REQUIRED:

E2S-1 - 275-0248-001, 275-0248-002 (EU)

An E2S-1 is required for APR-1 networkability when monitoring pressure measurements using JET™ BP or PhysioTel™ Digital. A single Ethernet cable (1-10m) with standard RJ45 connectors is required (furnished with the APR-1). No additional power supply is needed. The APR-1 is powered from the Data Exchange Matrix or E2S-1 via Power over Ethernet (PoE).