



N-GAUGE™ ELECTRONIC PRESSURE RECORDER

Nelgar **N-Gauge™ Pressure Recorders**, utilizing media-isolated, piezoresistive pressure sensors, offer the following advantages:

- extreme accuracy and resolution
- highly stable measuring
- negligible hysteresis
- superior data security
- millions of pressure cycles
- lightweight and robust
- durable and waterproof storage and shipping case with pre-formed foam for protection



**N-Gauge™
Pressure Recorder**

SPECIFICATIONS (FS – full scale)

Pressure Ranges (psi, FS)	1,500	3,000	5,000
(kPa, FS)	10,343	20,685	34,474
Operating Temperature (°C)	-40 to 80		

Accuracy	≤ ± 0.02% FS max.
Resolution	≤ ± 0.04%/K FS max.

Sample rate	1 per 10 seconds (default, other rates on demand)
Memory	over one million points @ default sample rate (≈ 4 months continuous recording @ default sample rate)
Data Interface	RS232
Power Supply	3.6 volts Lithium battery

Material in Contact with Media	Stainless Steel (AISI 316)
Pressure Connection	½" NPT (fittings for other threads on demand)
Dimensions	6.0"H x 4.0"W x 3.5"D

All **N-Gauge™ Pressure Recorders** have an On/Off switch, a LED status indicator and a data port.