N-GAUGE™ ELECTRONIC DEADWEIGHT

Nelgar **N-Gauge™ Hand-Held Deadweight**, utilizing media-isolated, piezoresistive pressure sensors, offer the following advantages:

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



N-Gauge™
Hand-Held Deadweight

SPECIFICATIONS (FS – full scale)

Pressure Ranges (psi, FS)	1,500	3,000	5,000
(kPa, FS)	10,343	20,685	34,474
Calibrated Temperatures (°C)		-40 to 40	
Accuracy	≤ ± 0.05 %Reading max. ≤ ± 0.10 %FS max.		
Display	Backlighting LCD		
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	10.25"H x 4.00"W x 3.50"D		

All **N-Gauge™ Hand-Held Deadweights** have an On/0ff switch and a dual function Zero button. When the Zero button is pressed and released quickly, it sets atmosphere pressure as a Zero reference; when it is pressed and held, the LCD screen displays the gauge pressure rating.

N-GAUGE™ ELECTRONIC DEADWEIGHT

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
Calibated Temperatures (°C)		-40 to 40	
Accuracy	≤ ± 0.05 %Reading max. ≤ ± 0.10 %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/0ff switch, a LED status indicator and a data port.