

FORCE GAUGE/ DATA LOGGER

TECHNICAL DATA

FEATURES

- Measures tension and compression
- Fast/Slow AD selection
- Data Record in Peak hold or Normal mode
- Full capacity tare (zero) capability
- Force is measured in kg, lb or Newtons
- Display is reversible so that it always legible regardless of direction
- Real time data logger with integral 4GB SD memory card (OPTIONAL)
- Just plug the SD card into the computer and it downloads directly to EXCEL
- RS-232 and USB computer interface
- Easy to read LCD with backlight
- Auto or manual power off
- Includes separate load cell sensor with 2 hooks and cable and carrying case

SPECIFICATIONS

Measuring Capacity: 100.0 kg / 220.5 lb / 980.6 N
Resolution: 0.15 kg / 0.02 lb / 0.02 N
Accuracy: $\pm(0.5\% + 2 \text{ digits.})$
Full Scale Deflection: Less than 1mm
Sampling Time: Normal: 1 second to 8 hours;
Peak hold: 10 to 500 ms
Power Supply: 6 x 1.5V UM3/AA batteries
Dimensions: 215 x 90 x 45mm (8.5 x 3.5 x 1.8")
Weight: 650 g (1.43 lb)



ORDERING INFORMATION

SD-6100 Force Gauge/Data Logger
SD-4GB4GB SD Memory Card
USB-01 USB Cable
SW-U801-WIN.....Data Acquisition Software
AP-9VA-110V..... AC Adapter
WG-01 Wedge Grip
CERTIFOR1NIST Calibration Certificate
SD-6100-NISTForce Gauge & NIST