

## 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 2GB 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:**  $\pm(5\% + 2 \text{ dgt.})$   
**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-2GB ..... 2GB SD Memory Card  
USB-01 ..... USB Cable  
SW-U801-WIN..... Data Acquisition Software  
AP-9VA-110V ..... AC Adapter  
WG-01 ..... Wedge Grip  
CERTIFOR1 ..... NIST Calibration Certificate  
SD-6100-NIST ..... Force Gauge & NIST

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