

Force Gauge Datalogger, 100kg Model SD-6100



TECHNICAL DATA

Features

- Measures tension and compression (Compression Test Fixture required for push test)
- Records in Peak hold or Normal mode
- Fast/Slow response selection
- Full capacity tare (zero) capability
- Force is measured in kg, lb or Newtons
- · Large, easy-to-read backlit display
- Reversible display ensures legible readings regardless of direction
- Real-time datalogger with integral SD memory card
- \bullet User selectable sampling rate from 1 to 3600 seconds
- Optional PC software features live tracking via USB connection
- Low battery indicator and auto shut off
- Includes load cell sensor with 2 hooks and cable, hard carrying case and batteries

Specifications

Measuring Range: 100kg

220.5lb 980.6N

Accuracy: $\pm (0.5\% \text{ rdg} + 2 \text{ dgt.})$ Resolution: 0.15kg / 0.02lb / 0.02N

Response Time: Less than 1 sec.
Full Scale Deflection: Less than 1mm
Display: 4-digit LCD

Backlit Display: Yes

Peak Hold Measurements: Yes Zero Adjustment: Yes

Overrange Indicator: Yes (Audible alarm at 100kg)

Datalogging Capabilities: Yes

Real-Time Clock and

Date Stamp: Yes



Continued...



Force Gauge Datalogger, 100kg Model SD-6100



TECHNICAL DATA

Yes (1, 2, 5, 10, 30, 60, ₁₂₀, 300, 600, 1800, 3600s) Selectable Sampling Rate:

Yes, expandable up to 16Gb External Memory:

with SD card (optional)

SD Card Class Compatibility: Class 4

Auto Shut-off: Yes (after 10 mins/off)

Low Battery Indicator: Yes

Power Supply: 6 AA Batteries or

AC Adapter (optional)

Output: Yes

Battery Life: Sampling Time Dependent

PC Connectivity: USB Cable (optional) Software: SW-U801-WIN (optional)

OS Compatibility: Windows XP / Vista / 7

Product Certifications:

Operating Temperature: O to 122°F (O to 50°C) 14 to 140°F (-10 to 60°C) Storage Temperature:

Operating Humidity: 10 to 85%

215 x 90 x 45mm Dimensions:

(8.5 x 3.5 x 1.8")

Weight: 1.43lb (650g)





Description
Force Gauge Datalogger, 100kg
Replacement Load Cell for Force Gauge
Force Gauge Test Stand
Wedge Grip
USB Cable
4GB SD Memory Card
AC Adapter, 110V
AC Adapter, 220V
Data Acquisition Software
Hard Carrying Case
16GB Micro SD Memory Card w/Adapter
Force Gauge Datalogger, 100kg & NIST