

Force Gauge Datalogger, 20kg Model SD-6020



TECHNICAL DATA

Features

- Measures tension and compression
- 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
- 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 flat head, cone head, chisel head and hook adapters, extension rod, hard carrying case and batteries

Specifications

Measuring Range: 20.00kg

44.10lb 196.12N

Accuracy: $\pm (0.5\% \text{ rdg} + 2 \text{ dgt.})$

0.01kg / 0.01lb / 0.02N Resolution:

Less than 1 sec. Response Time: Full Scale Deflection: 0.4mm max. Display: 4-digit LCD

Backlit Display: Yes Peak Hold Measurements: Yes Zero Adjustment: Yes



Continued...



Force Gauge Datalogger, 20kg Model SD-6020



TECHNICAL DATA

Overrange Indicator: Yes (Audible alarm at 20kg)

Datalogging Capabilities: Yes

Real-Time Clock and

Date Stamp:

Selectable Sampling Rate: Yes (1, 2, 5, 10, 30, 60, 120,

Yes

300, 600, 1800, 3600s)

External Memory: Yes, expandable up to 16Gb

with SD card (optional)
Yes (after 10 mins/off)

Auto Shut-off: Yes (a Low Battery Indicator: Yes

Power Supply: 6

6 AA Batteries or AC Adapter (optional)

Output: Yes

Battery Life: Sampling Time Dependent

PC Connectivity: USB Cable (optional)
Software: SW-U8O1-WIN (optional)
OS Compatibility: Windows XP / Vista / 7

Product Certifications: CE

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

Operating Humidity: 10 to 85%

Dimensions: 215 x 90 x 45mm

(8.5 x 3.5 x 1.8")

Weight: 1.43lb (650g)





Model	Description
SD-6020	Force Gauge Datalogger, 20kg
FS-1001	Force Gauge Test Stand
WG-01	Wedge Grip
USB-01	USB Cable
SD-4GB	4GB SD Memory Card
RSD-ADP-NA	AC Adapter, 110V
RSD-ADP-EU	AC Adapter, 220V
SW-U801-WIN	Data Acquisition Software
R8888	Hard Carrying Case
RSD-16GB	16GB Micro SD Memory Card w/Adapter
SD-6020-NIST	Force Gauge Datalogger, 20kg & NIST