

# **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

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

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



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Overrange Indicator: Yes (Audible alarm at 20kg)

Datalogging Capabilities: Yes

Real-Time Clock and

Date Stamp:

Yes Selectable Sampling Rate:

Yes (1, 2, 5, 10, 30, 60, 120,

300, 600, 1800, 3600s)

Yes, expandable up to 16Gb External Memory:

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

Auto Shut-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: 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%

215 x 90 x 45mm Dimensions:

(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