

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

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|-------------------------|-------------------------------|
| Measuring Range: | 20.00kg 44.10lb 196.12N |
| Accuracy: | ±(0.5% rdg + 2 dgt.) |
| Resolution: | 0.01kg / 0.01lb / 0.02N |
| Response Time: | Less than 1 sec. |
| 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) |
| External Memory: | Yes, expandable up to 16Gb with SD card (optional) |
| 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: | CE |
| Operating Temperature: | 0 to 122°F (0 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 |