

FEATURES

- **Digital Output (RS232):** Enables easy data transfer and integration with other systems.
- **High Accuracy ($\pm 0.5\%$):** Provides precise measurements for critical applications.
- **LCD Backlight Display:** Ensures clear visibility in various lighting conditions.
- **Wide Measurement Range:** Measures in kgf, lbf, and N, accommodating diverse needs.
- **High Sampling Rate (1000 Hz):** Captures rapid force changes accurately.
- **Battery Powered (Lithium-Ion):** Offers portability and convenience for field use.
- **Compact Design (210 mm x 70 mm x 35 mm):** Facilitates easy handling and storage.

RS PRO Digital Force Gauge, RS232 Output

RS Stock No: 606-590



RS Professionally Approved Products bring to you professional quality parts across all product categories. Our product range has been tested by engineers and provides a comparable quality to the leading brands without paying a premium price.

Product Description

The RS PRO Digital Force Gauge is designed for precise force measurement in various industrial applications. With its digital output and high accuracy, it is ideal for quality control and testing environments. The gauge's main benefit is its ability to deliver reliable and repeatable results, ensuring accurate force measurement every time.

General Specifications

Calibrated Service Type	Digital
Digital Output	RS232
Display Type	LCD Backlight
Product Type	Force Gauge
Units Measured	kgf, lbf, N
Visual Alarm	No

Measurement Specifications

Accuracy	±0.5 %
Resolution	0.1 N
Sampling Rate	1000 Hz

Electrical Specifications

Battery Type	Lithium-Ion
Plug Type	EU, UK
Power Source	Battery

Mechanical Specifications

Height	35 mm
Length	210 mm
Weight	1400 g
Width	70 mm

Operation Environment Specifications

Maximum Operating Temperature	40 °C
Minimum Operating Temperature	10 °C

Approvals

Standards/Approvals

ANSI-ESD S20.20:2021, OIML C3, REACH, RoHS



