

Features

- High-Precision Resolution
- Large LCD with backlight display
- Peak-Hold function to capture peaks or Track function mode for a continuous measurement indication
- Selectable measuring units: N, lb, kg
- Complete accessories to meet measurement needs
- Can data storage and data analysis
- Secure operability due to the ergonomic design
- Auto-Power-Off
- Can computer testing via RS3232 communication interface

RS PRO Digital Force Gauge 1000Hz Range: 1000N, Resolution: 1N

RS Stock No.: 0606597



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.

RS PRO Force Gauge

Digital force gauge for easy measurement of tractive and compressive forces
Measurement frequency 1000 Hz. Measurement accuracy $\pm 0.5\%$, and overload protection.

Display rotatable through 180 °, with indicator in N, kg, and lb. Peak hold function for recording max. measured force, track function for continuous measurement
Suitable for use with test stands.

Supplied with

Measuring instrument with EU and UK plug charger and 4 standard mountings, cable, hook and other accessories etc.

General Specifications

Range	1000N
Best Accuracy	$\pm 0.5\%$
Measurement Units	Kgf, lbf, N
Resolution	1 N
Sampling Rate	1000Hz
Plug Type	EU plug and UK plug
Shipping Weight	1600g
Width	78mm
Height	33mm
Length	220mm
Minimum Operating Temperature	10 °C
Maximum Operating Temperature	30 °C

Approvals

Declarations	REACH DoC
Standards Met	OIML C3

Similar Products

Stock No.	Brand	Product Name	Type	Range	Resolution	Accuracy	Sampling Rate
XXX-XXXX 0606592	RS PRO	Force Gauge	Mechanical	50N	0.2N	±1%	N/A
XXX-XXXX 0606586	RS PRO	Force Gauge	Mechanical	100N	0.5N	±1%	N/A
XXX-XXXX 0606589	RS PRO	Force Gauge	Mechanical	200N	1N	±1%	N/A
XXX-XXXX 0606588	RS PRO	Force Gauge	Mechanical	300N	2N	±1%	N/A
XXX-XXXX 0606587	RS PRO	Force Gauge	Mechanical	500N	2N	±1%	N/A
XXX-XXXX 0606590	RS PRO	Force Gauge	Digital	500N	0.1N	±0.5%	1000Hz
XXX-XXXX 0606598	RS PRO	Force Gauge	Digital	10N	0.01N	±0.5%	1000Hz
XXX-XXXX 0606584	RS PRO	Force Gauge	Digital	20N	0.01N	±0.5%	1000Hz
XXX-XXXX 0606595	RS PRO	Force Gauge	Digital	50N	0.01N	±0.5%	1000Hz
XXX-XXXX 0606593	RS PRO	Force Gauge	Digital	100N	0.01N	±0.5%	1000Hz
XXX-XXXX 0606594	RS PRO	Force Gauge	Digital	200N	0.1N	±0.5%	1000Hz
XXX-XXXX 0606596	RS PRO	Force Gauge	Digital	500N	0.1N	±0.5%	1000Hz
XXX-XXXX 0606597	RS PRO	Force Gauge	Digital	1000N	1N	±0.5%	1000Hz

Connection Diagrams / Assembly Diagrams / Illustrations / Accessories