

## 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: 100N, Resolution: 0.01N

RS Stock No.: 0606593



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	100N
Best Accuracy	$\pm 0.5\%$
Measurement Units	Kgf, lbf, N
Resolution	0.01 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