

RX Series Push Pull Gauge (10N~1000N)

Standard

Description

This product dramatically changed previous digital force gauges, especially in reactivity, precision, operation. On durability part has good performance. It is small and lightweight, with a large LCD screen which is easier to see the display data, in addition, the LCD screen has a reverse display function and with easy to operate bottoms. This is a product surpass than formerly products, function is more complete digital display model. With wide range of application on various manufacturers, electronics, textile industry, construction hardware and measurement & scientific research institutions, universities and other various fields.

Industry

Electron, Textile, Construction

Appearance



Specification

Measurement unit	3 units (N/kgf/lb) selectable
Measurement item	Peak value, Track value
Accuracy	±0.2%F.S.
Sampling frequency	50ms (16ms , 5ms , 1.25ms) selectable Remark:
Display update interval	1 , 2 , 5 , 10 , 20 times / sec , changeable
Display	6-digit LCD, 44mm×44mm
A/D converter	16-bit, 100kHz
CPU in use	16-bit , single-chip CPU
Analog output	±2V/F.S. ※
Communication output	RS232C 38400bps
Printer output	SANEI thermal printer, MITUTOYO DIGIMATIC output ※
GO · NG judgment	Lamp indication & output ※
Machine connection output	Overload, zero reset, external input display HOLD contact
Continuous run time	Approx. 12 hours
Applicable temperature range	0 to 40°C
Dimension	W68×H232×D40mm
Weight	Approx. 450g
Power supply	Ni-Cd battery, AC power adaptor

※The product marked with ※ requires an optional cable when proceed with external signal output.

Remark: Able to switch. When select 1.25ms, external output is 2.5ms.

RX Series Model List

Model	Measurement range	Min. display unit	Top shaft
RX-1	10N(1kgf)	0.001N	M6
RX-2	20N (2kgf)	0.01N	M6
RX-5	50N (5kgf)	0.01N	M6
RX-10	100N (10kgf)	0.01N	M6
RX-20	200N(20kgf)	0.1N	M6
RX-50	500N (50kgf)	0.1N	M6
RX-100	100N (1000kgf)	0.1N	M6

※ The smallest scale display is not equivalent to accuracy

Optional Cables for RX Series

Analog output cable	RX-OP-1
RS23CS interface cable	RX-OP-2
MITUTOYO printer cable	RX-OP-3
MITUTOYO DIGIMATIC input cable	RX-OP-4
External control cable	RX-OP-5
Stand control & RS232C interface cable	RX-OP-6
Stand control cable	RX-OP-7

Standard Accessories for RX Series



Related Product

QC-528K Motorized test stand



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