

RX Series Digital Push-Pull Gages



Model-RX Series Capacity: 1kgf to 100kgf (10 N to 1000 N)

The RX Series are up-to-date models that remarkably change the functions of digital push-pull gages currently in use and the concept of maintenance. They are especially superior in response, accuracy, operation efficiency and durability. They also feature small size, clear display on large-size screens, screen reversing and other various functions shown below, fit-to-hand shape and operation buttons. With these features, the RX Series digital push-pull gages greatly surpass the traditional concept.

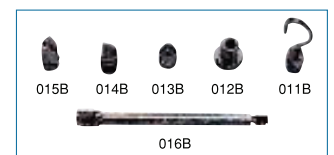
RX Series Model List

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

Options

Analog output cable	RX-OP-1
RS232C 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
Software (Included RX-OP-2)	RX-2003

Standard Accessories



Standard Specifications

Measurement unit	kgf,N, Lbf
Measurement item	Maximum value & instantaneous value
Accuracy	±0.2% F.S.
Sampling frequency	50, 16, 5, & 1.25 ms
Display refreshing freq	1, 2, 5, 10, & 20 times/sec.
Display	Six-digit LCD, 44 x 44 mm
A/D converter	16-bit, 100kHz
CPU in use	16-bit, single-chip CPU
Analog output	±2 V/FS ※
Communication output	RS232C, 38400 bps
Printer output	SANEI Thermal Printer, MITUTOYO DIGIMATIC output ※
GO/NG judgment	Lamp indication & output ※
Stand connection output	Overload, zero reset, & external input display hold contact ※
Battery life	Approx. 12 hours
Use temperature	0 to 40°C
Weight	Approx. 500 g
Power source	NiCd & AC adapter

The product marked with ※ requires an optional cable

Common Features

- Easy-to-observe large display and display reversing function
- Memory function: Up to 1000 data at any point of time
- Insertion and pull-out tests in one-time measurement
- NO, GO, NO judgment displayed on lamps
- Remaining battery capacity display
- Real-time high-speed communication (at 38400 bps)
- Automatic power off function
- Stores the basic set data even when the battery is replaced.
- Original load calibration guarantees high precision

RX-S-200

Capacity: 200 kgf (2000 N)
Tensile & compression



※ The handle, hook and jig are optional.