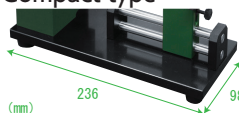


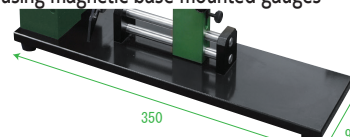
## Base type (3 kinds)

**Short base**  
Compact type



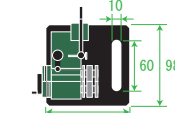
(mm) 236 98

**Long base**  
Allows simultaneous multiple measurements using magnetic base mounted gauges



(mm) 350 98

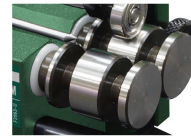
**Clamp base**  
Can be mounted on stage of large measuring instruments



(mm) 101 60 98

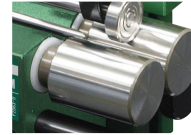
## Roller type (2 kinds)

**Slit Roller**  
Roller with slit. Ideal for measuring flanged workpiece.



(mm) 3 12 4 6.5

**Flat Roller**  
Plain roller type. Ideal for a measuring round bar.



(mm) 31

## Carrier type (3 kinds)

**Basic type (no carrier)**  
Magnetic base can be mounted on the base



**Shaft Carrier**  
Shaft slide carrier can be positioned along length of workpiece



**Linear Carrier**  
Linear slide carrier provides smooth movement for accurate positioning



## USE

- Concentricity measurement by mounting your current indicator to this system

## FEATURES

- Three base types, Two roller types, and instrument available in three options, for a total of 14 available configurations
- Up to 2 $\mu$  accuracy. Offers a high level of measurement precision.
- Smooth measurement with grip handle and timing belt & pulley operation system
- Carrier angle fine adjustment for easy zero point setting of the measuring instruments.
- Free movement in Z-direction provides an ideal measurement position.
- Equipped with work retainer for holding front and rear of workpiece and to enable measurement of axial run-out

## MATERIAL

- Base: Carbon steel
- Roller: Tool steel

## SPECIFICATIONS

- Accuracy: within 2-3.5 $\mu$ m
- ※ 2 $\mu$ m = when measuring  $\phi$ 20mm workpiece
- Provided with aluminum carrying case

## MEASURING CONDITIONS

- OD of workpiece:  $\phi$ 4-30mm (precision roller for measurements under  $\phi$ 4 workpiece is also available on request)
- Length of workpiece: 5-80mm
- Shape of workpiece: Cylindrical
- Reference portion of the workpiece must have enough length to clamp to roller
- ※ Measurement error increases at with increasing distance from rollers

Order No.	Model No.	Base type	Roller type	Carrier type	Weight
010201	ROG-221S	Short base	Slit Roller	Basic type (no carrier)	3.6kg
010202	ROG-221SS			Shaft Carrier	4.0kg
010203	ROG-221LS			Linear Carrier	4.3kg
010204	ROG-223S		Flat Roller	Basic type (no carrier)	3.7kg
010205	ROG-223SS			Shaft Carrier	4.1kg
010206	ROG-223LS			Linear Carrier	4.4kg
010207	ROG-351S	Long base	Slit Roller	Basic type (no carrier)	4.6kg
010208	ROG-351SS			Shaft Carrier	5.0kg
010209	ROG-351LS			Linear Carrier	5.3kg
010210	ROG-353S		Flat Roller	Basic type (no carrier)	4.7kg
010211	ROG-353SS			Shaft Carrier	5.1kg
010212	ROG-353LS			Linear Carrier	5.4kg
010213	ROG-101S	Clamp base	Slit Roller	Basic type (no carrier)	2.5kg
010214	ROG-103S		Flat Roller		2.6kg

COMPARATOR

GRANITE PRODUCTS

CAST IRON SURFACE PLATE

PARALLEL BLOCK



V BLOCK

SQUARE

STRAIGHT EDGE

PARALLEL CLAMP