

NEW PRODUCT INFORMATION

Digital Gage Head Linear Gage LGD/LGF

ABSOLUTE®


LGD series

Features absolute position detection function, retaining the origin point position even if the power is turned off.

Code No.	Range (mm)	Resolution (μm)	Accuracy (20°C)
575-326	0 ~ 10	10	0.02mm
575-327	0 ~ 25		
575-328	0 ~ 50		

* Models with 3, 5 or 7 m cable are available. The standard model is equipped with a 2 m cable.



LGF series

Standard type with a wide lineup

Code No.	Range (mm)	Resolution (μm)	Accuracy (20°C)
542-181	0 ~ 10	0.1	(0.8+L/50) μm
542-182	0 ~ 25		
542-171	0 ~ 10	0.5	(1.5+L/50) μm
542-172	0 ~ 25		
542-173	0 ~ 50		
542-161	0 ~ 10	1	
542-162	0 ~ 25		
542-163	0 ~ 50		
542-612	0 ~ 25	5	(7.5+L/50) μm
542-613	0 ~ 50		



LGF-Z series

Standard type with scale reference point signal output function

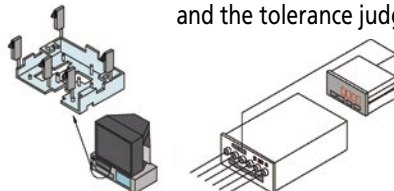
Code No.	Range (mm)	Resolution (μm)	Accuracy (20°C)
542-174	0 ~ 10	0.5	(1.5+L/50) μm
542-175	0 ~ 25		
542-176	0 ~ 50		
542-164	0 ~ 10	1	
542-165	0 ~ 25		
542-166	0 ~ 50		

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Applications

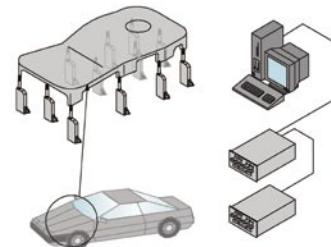
- Multi-point measurement of VCR chassis

Display of the height measurement data of each point and the tolerance judgment



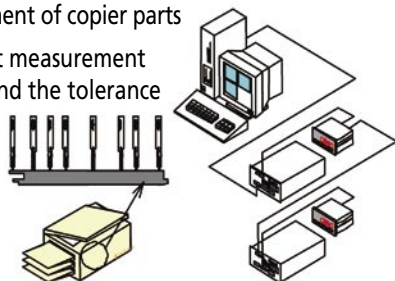
- Form measurement of engine covers

Display of the height measurement data of each point and the tolerance judgment



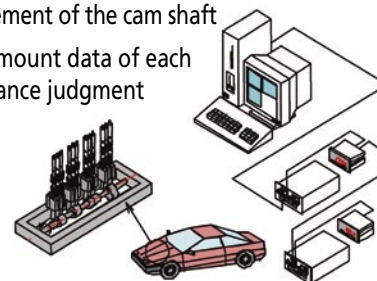
- Parallelism measurement of copier parts

Display of the height measurement data of each point and the tolerance judgment



- Multi-point measurement of the cam shaft

Display of the lift amount data of each point and the tolerance judgment



Connection counter

Select an appropriate counter according to the measuring points and connecting devices

Single function/ BCD output



EG Series

Multifunction/ Serial communication



EH Series
(To be released in December 2007)

Multi-point measuring



EV Series

Coordinate Measuring Machines	
Vision Measuring Systems	
Form Measurement	
Optical Measuring	
Sensor Systems	
Test Equipment and Seismometers	
Digital Scale and DRO Systems	
Small Tool Instruments and Data Management	

Mitutoyo Corporation

20-1, Sakado 1-Chome,
Takatsu-ku, Kawasaki-shi,
Kanagawa 213-8533, Japan
T +81 (0) 44 813-8230
F +81 (0) 44 813-8231
<http://www.mitutoyo.co.jp>

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