



Precision

HIGH
PRECISION
LEVELS



Precision Measuring Instruments Co.

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Micron Electronic Level 0.001mm/m

1) With Work-station



2) Without Work-station



Model	PG-ELW-001 / PG-EL-001
External Dimensions	150×47×131mm/165X47X131mm
Measurement Accuracy	I Gear = 0.01 mm/m; II Gear = 0.001 mm/m
Measurement Range	0 ~ ±500 (count)
Display Range	II Gear :- 0 ~ ±2500 (count); I Gear :- 0 ~ ±1500 (count)
Indication Error	$\pm (1+A \times 2\%) \Delta$, A is the absolute value of the nominal value at the verification position
Consistency of Standard Position	$\leq \pm 1$ count
Repeatability	$\leq \pm 1$ count
Software	Flatness, Straightness of Guide Rails and Parallelism

Micron Electronic Level 0.001mm/m



PG-EL001

Model	PG-EL001
External Dimensions	120×47×82mm/165×47×82mm
Measurement Accuracy	I Gear = 0.01 mm/m; II Gear = 0.001 mm/m
Measurement Range	0 ~ ±500 (count)
Display Range	II Gear:- 0 ~ ±2500 (count); I Gear:- 0 ~ ±1500 (count)
Indication Error	$\pm (1+A \times 2\%) \Delta$, A is the absolute value of the nominal value at the verification position
Consistency of Standard Position	≤ 1 count
Repeatability	≤ 1 count
Software	flatness, straightness of guide rails, and parallelism

Micron Electronic Level 0.005mm/m



PG-EL-005

Model	PG-EL-005
External Dimensions	120×47×82mm/165×47×82mm
Measurement Accuracy	I Gear = 0.01 mm/m; II Gear = 0.005 mm/m
Measurement Range	0 ~ ±500 (count)
Display Range	II Gear 0 ~ ±2500 (count); I Gear 0 ~ ±1500 (count)
Indication Error	$\pm (1+A \times 2\%) \Delta$, A is the absolute value of the nominal value at the verification position
Consistency of Standard Position	≤ 1 count
Repeatability	≤ 1 count
Software	flatness, straightness of guide rails, and parallelism

Electronic Level 0.01 mm/m



PG-EL-01

Model	PG-EL-01
External Dimensions	150×48×60mm
Measurement Accuracy	± 0.01 mm/m
Display Range	± 15 mm/m
Parallelism of Working Surface	The parallelism between the measuring V - surface and the measuring plane is ≤ 0.008 mm/m.
Flatness of Working Surface	The flatness of the measuring plane is ≤ 0.003 mm/m.
Indication Error	$\pm (1+A \times 2\%) \Delta$, A is the absolute value of the nominal value at the verification position
Zero Position Consistency	$\leq \pm 1$ count

Application Fields:-

- Guide Rail Adjustment
- Leveling in Processing Workshop
- Slide Table Leveling
- Flatness of High-end Intelligent Equipment Platform
- Flatness of High-end Grinding Machine
- Level Adjustment of Rotary Table
- Leveling of CNC Milling Machine Worktable
- Leveling of Router Installation
- Leveling of Aerostatic Platform
- Parallelism of Large-span Guide Rails
- Leveling of CMM
- Leveling of Large Gantry Installation
- Screen Glass Cutting Equipment
- Level Adjustment of Shaft Installation

Our Precious Clients:-



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