

Inspection & Measurement

Digital Micron Indicators & Dial Indicator

Detailed product specifications are available on: us.100y.com.tw



FEATURES

- Standard 0.01mm graduation dial gauges having an outer frame with an outside diameter of $\varnothing 57$ mm. All types come with limit pins and an outer frame clamp.
- The outer clamp and lifting lever (optional) can be attached to either the right or left side. These parts can be easily installed and removed without tools.
- Secured adhesion between the outer frame and crystal as well as the use of an O-ring ensure countermeasures against water and oil permeation via the front face.
- The stem spindle is made of high-strength quench-hardened stainless steel which resists strenuous use.
- A carbide contact point is used.
- The grand gear uses stainless steel that is resistant to wear and deformation.
- Application of a hard coating on the surface of the crystal makes the gauge highly scratch- and chemical-resistant.
- A special alloy is used for the sector gears to provide improved wear resistance.
- The bearing part uses jeweled bearings, providing excellent indication sensitivity and durability.

Part No.	Product No.	Manufacturer	Description	Range(mm/in)	Resolution(mm/in)
48113	2109S-10	Mitutoyo	MITUTOYO_Dial Indicator	1mm	0.001mm



Technical specifications:

Measuring range: 0-5mm/. 2"

Resolution: 0. 001mm/. 00005"

Max. indication error: 0. 006mm/. 00025"

Hysteresis error: 0. 001mm

Power: one 1. 55V silver oxide button cell (SR44) which lasts 8-12 months

the digits will twinkle when the power is used up. Then battery must be replaced

Working temperature: 0-+40°C

Storage temperature: -10°C-+60°C

Relative humidity: < 82%

Response speed: 350mm/s

Part No.	Product No.	Description	Range(mm/in)	Resolution(mm/in)
17694	314-161	Digital Micron Indicator	5mm/0.2in	0.001mm/0.00005in



FEATURES

- Performs easy and accurate measurement of narrow or recessed areas, plus inside and outside diameters that dial indicators cannot access.
- No-clutch structure for automatic reversal of measuring direction.
- Resistant to water and dust thanks to the one-piece bezel and "crystal" design with O-ring.
- The glare-free flat crystal face has a scratch-resistant coating.
- High-sensitivity and quick-response because of jeweled bearings.
- A carbide contact point is provided as standard.

Part No.	Product No.	Manufacturer	Description	Range(mm/in)	Resolution(mm/in)
48127	513-404E	Mitutoyo	DMITUTOYO_Dial Test Indicator-Horizontal Type	0.8mm	0.01mm



FEATURES

- Jeweled bearings assure higher sensitivity and accuracy.
- Reversible measuring direction.
- Two holding bars are supplied. (Full sets only.)
- Fully adjustable bezel/dial face.
- Contact point is adjustable within 220°.

Part No.	Product No.	Manufacturer	Description
48126	513-503T	Mitutoyo	
48125	513-517T	Mitutoyo	DMITUTOYO_



Part No.	Product No.	Manufacturer	Description	Range(mm/in)	Resolution(mm/in)
12978	543-251	Mitutoyo	MITUTOYO_Digital Dial Indicator	12.7mm/0.5"	0.001mm/0.00005"



Part No.	Product No.	Manufacturer	Description	Range(mm/in)	Resolution(mm/in)
8444	543-682	Mitutoyo	MITUTOYO_Digital Dial Indicator	12.7mm/0.5"	0.01mm/0.0005"



T E L : Taiwan: 886-3-5753170
 F A X : Taiwan: 886-3-5753172
 E-mail: Taiwan: us_sale@100y.com.tw

Shenzhen: 86-755-83298787
 Shenzhen: 86-755-83640655
 Shenzhen: 100y@163.com

Shanghai: 86-21-54151736
 Shanghai: 86-21-64605107
 Shanghai: 100y-1@163.com