Fast, Non-rotating Spindle Digital Micrometer
Quickmike

20X Faster Spindle Speed

1 thimble revolution = 10mm of stroke

COOLANT PROOF™ IP 65
Quickmike's evolution to easier and speedier measurement!

**Quickmike**

*293-666-20*  
*293-668-20*

**Absolute scale**

The ABS (absolute) linear scale eliminates the need for origin point setting at every power-on and achieves high reliability while being free from overspeed error.

**Function locking prevents misoperation**

Function lock enhances usability by preventing the origin from being accidentally changed during measurement.

**Minimum-value hold function ensures measurement value is retained**

The micrometer spindle can be retracted from the workpiece while the measurement value is retained in the display until cleared.

**Visibility improved**

Extra-large LCD digits enable easy reading of measurement values.

**Extended battery life**

Low-power electronics have extended the battery life to 5 years in normal use.

*2: Typical, assuming average frequency of use and normal applications.*

**Quickmike's evolution to easier and speedier measurement!**

**Quickmike**

- **Quick measurement**
  - 20 times faster feed rate
  - The Quickmike provides a speedy spindle feed of 10 mm per thimble rotation that enables widely differently sized features to be measured quickly. Also, 1-2 1/30 mm of wide measuring range, which is 2 7/5 mm longer than the standard type, allows measurement of multiple workpieces.

- **Protection level upgraded from IP54 to IP65**
  - Resistant to oil, water, and dust ingress. Useful on the shop floor where coolant may splash on the micrometer.

- **COOLANT PROOF™ IP65**
  - COOLANT PROOF is the universal term for Mitutoyo Digimatic Small Tool Instruments that are not only resistant to dust and water ingress but also to deterioration due to contact with the cutting oil or coolant fluids*1 in normal use.
  - *1: Some types of aggressive cutting oil or coolant may degrade the sealing materials over time.

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Standard Micrometers

**Common specifications**
- Spindle feed: 10 mm per revolution
- Resolution: 0.001 mm
- Protection level: IP65*
- Power supply: Silver oxide button cell battery SR44
- Battery life: Approx. 5 years under normal use
- Standard accessories: Silver oxide button cell battery SR44 (938882), 1pc. supplied for testing purposes only.

*3: Rust prevention treatment should be applied after use.

**Optional accessories**
- Connecting cable to DP-1VA LOGGER and other peripherals
  1 m: 05CZA662
  2 m: 05CZA663
- Digimatic mini processor DP-1VA LOGGER: 264-505A
- Connection with PC (wired communication): USB Input Tool Direct
  USB-ITN-B (2 m): 06AFM380B
- Connection with PC (wireless communication): Connecting cable to U-WAVE-T (160 mm): 02AZD790B
  Cable for foot switch: 02AZE140B

**Features**
- For root tangent length measurement of spur and helical gears
- Measurable range of gear pitch: 0.5 to 6 module

**Specifications**
- Ranges: 0 - 1.2 in (369-421-20)
  1 - 2.2 in (369-422-20)
  0 - 30 mm (369-411-20)
  25 - 55 mm (369-412-20)
- Accuracy: ±0.0002 in / ±4 µm
- Flatness: 0.0002 in / 4 µm
- Parallelism: 0.00004 in / 1 µm

**Blade Micrometers**

**Features**
- Blade type anvil and spindle for measuring narrow-groove diameters and similar features of round workpieces.

**Specifications**
- Ranges: 0 - 1.2 in (422-421-20)
  1 - 2.2 in (422-422-20)
  0 - 30 mm (422-411-20)
  25 - 55 mm (422-412-20)
- Accuracy: ±0.00015 in / ±3 µm
- Parallelism: 0.00015 in / 3 µm

**Crimp Height Micrometer**

**Features**
- For crimp height measurement of a crimped terminal

**Specifications**
- Range: 0 - 15 mm (342-451-20)
- Accuracy: ±3 µm

**Special-purpose types**

**Disk Micrometers**

**Features**
- For root tangent length measurement of spur and helical gears
- Measurable range of gear pitch: 0.5 to 6 module

**Specifications**
- Ranges: 0 - 1.2 in (369-421-20)
  1 - 2.2 in (369-422-20)
  0 - 30 mm (369-411-20)
  25 - 55 mm (369-412-20)
- Accuracy: ±0.0002 in / ±4 µm
- Flatness: 0.0002 in / 4 µm
- Parallelism: 0.00004 in / 1 µm
Whatever your challenges are, Mitutoyo supports you from start to finish.

Mitutoyo is not only a manufacturer of top-quality measuring products but one that also offers qualified support for the lifetime of the equipment, backed by comprehensive services that ensure your staff can make the very best use of the investment.

Apart from the basics of calibration and repair, Mitutoyo offers product and metrology training, as well as IT support for the sophisticated software used in modern measuring technology. We can also design, build, test and deliver measuring solutions and even, if deemed cost-effective, take your critical measurement challenges in-house on a sub-contract basis.

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