

Mitutoyo 518-242 QM Height w/o Air Floating, Metric 0.600mm, 0.001/0.005mm

This is a high precision ABSOLUTE Digital Height Gauge that offers you the following benefits:

- It has a high accuracy, high resolution ABSOLUTE linear encoder for position detection.
- Types with and without pneumatic drive mechanism
- Automatic running of prelearnt part programs
- You can easily implement frequently used measurements, such as inside/outside diameter and pitch calculations, by icon-based commands that also support easy one-key operation.
- Extraordinary battery life
- GO/ \pm NG judgement is performed by setting the upper and lower tolerances.

| Specifications | Details |
|--------------------|---|
| Measuring function | 1D measurement: height diameter |
| Digital/Analog | Digital  |
| Measuring Force | 1.5 \hat{A} \pm 0.5 N |
| Display | TN monochrome LCD |
| Inch-Metric | Metric |
| Guiding method | Roller bearing |
| Air floating | no |
| Drive method | Manual |
| Perpendicularity | 12 \hat{A} μ m |
| Battery Life | Approx. 1200 h (without air floating) Approx. 90 h (with air floating) |
| Mass (main unit) | 26 kg |
| Repeatability | 1.8 \hat{A} μ m |
| Scale | ABSOLUTE electromagnetic inductive |
| Power Supply | Alkaline battery size AA LR6 (4pcs.), rechargeable battery size AA Ni-MH (4pcs.), AC-Adapter (optional) |

Specifications

Details

Range

0-600/0-715*

