

### 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 prelearned 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/±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 Å ± 0.5 N                                                                                           |
| Display            | TN monochrome LCD                                                                                       |
| Inch-Metric        | Metric                                                                                                  |
| Guiding method     | Roller bearing                                                                                          |
| Air floating       | no                                                                                                      |
| Drive method       | Manual                                                                                                  |
| Perpendicularity   | 12 Åµm                                                                                                  |
| Battery Life       | Approx. 1200 h (without air floating) Approx. 90 h (with air floating)                                  |
| Mass (main unit)   | 26 kg                                                                                                   |
| Repeatability      | 1.8 Åµm                                                                                                 |
| Scale              | ABSOLUTE electromagnetic inductive                                                                      |
| Power Supply       | Alkaline battery size AA LR6 (4pcs.), rechargeable battery size AA Ni-MH (4pcs.), AC-Adapter (optional) |
| Range              | 0-600/0-715*                                                                                            |