

Mitutoyo 518-243 QM Height w/o Air Floating, Inch/Metric 0-24", 0.00005"/0.0001"/0.0002"

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/ $\pm$ NG judgement is performed by setting the upper and lower tolerances.

Specifications	Details
Display	TN monochrome LCD
Inch-Metric	Inch/Metric 
Digital/Analog	Digital
Measuring function	1D measurement: height diameter
Guiding method	Roller bearing
Measuring Force	1.5 $\hat{A}$ $\pm$ 0.5 N
Drive method	Manual
Repeatability	1.8 $\hat{A}$ μ m
Perpendicularity	12 $\hat{A}$ μ m
Battery Life	Approx. 1200 h (without air floating) Approx. 90 h (with air floating)
Power Supply	Alkaline battery size AA LR6 (4pcs.), rechargeable battery size AA Ni-MH (4pcs.), AC-Adapter (optional)
Scale	ABSOLUTE electromagnetic inductive
Mass (main unit)	26 kg