

MDH Micrometer High-Accuracy Sub-Micron Digimatic Micrometer

Series 293

FEATURES

- Enabling .000005"/0.1µm resolution measurement, this micrometer is ideal for customers who need to make highly accurate measurements with a hand-held tool.
- A highly rigid frame and high-performance constant-force mechanism* enable more stable measurement, while the clicks emitted while the work piece is being measured assure the operator that measurement is proceeding normally. * Patent pending in Japan, the United States of America, the European Union, and China.
- Body heat transferred to the instrument is reduced by a (removable) heat shield, minimizing the error caused by thermal expansion of the frame when performing handheld measurements.
- The ABS (absolute) rotary sensor also eliminates the need to perform origin setting each time the power is turned on, letting you start measuring straight away. With no possibility of over speed errors, the High-Accuracy Digimatic Micrometer also delivers a higher level of reliability.

Technical Data

Flatness: 0.3µm/.000012"



Parallelism: 0.6µm/.000024

Measuring force: 7 to 9N

Power supply: Lithium battery (CR2032) x 1

Battery life: Approx. two years when used under normal conditions



Inch	Metric
Model	MDH-25M
Order No.	293-130
Image	
Range	0-1in
Resolution	.000005"/.00002" 0.0001mm/0.0005mm (switchable)
Accuracy	00002in
Contacts	Ø3.2mm
Force	7 to 9N
Mass	400 (440g w Heat Cover)
Battery Type	Lithium Battery CR2032
Battery Life	Approx. two years when used under normal conditions
Parts Break Down	

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