

QuantuMike

SERIES 293 — Coolant Proof Micrometer

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FEATURES

- Faster measurement with 2mm per revolution instead of the standard 0.5mm.
- A patented ratchet thimble mechanism helps ensure repeatability.
- A function lock helps prevent error.
- IP-65 protection level.
- Certificate of inspection provided.
- With a standard bar except for 0-25mm/0-1" model.
- Supplied in fitted plastic case.



293-180



293-142

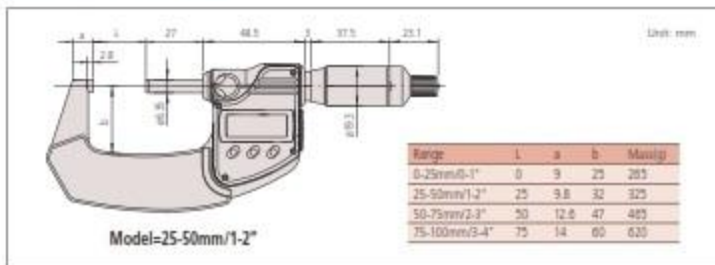


SPECIFICATIONS

Range	Resolution	Order No.	Accuracy
0-1" / 0 - 25.4mm	.00005"/0.001mm	293-180	.00005"
0-1" / 0 - 25.4mm	.00005"/0.001mm	293-183*	.00005"
1-2"/25.4 - 50.8mm	.00005"/0.001mm	293-181	.00005"
1-2"/25.4 - 50.8mm	.00005"/0.001mm	293-180*	.00005"
2-3"/50.8 - 76.2mm	.00005"/0.001mm	293-182	.0001"
2-3"/50.8 - 76.2mm	.00005"/0.001mm	293-187*	.0001"
3-4"/76.2 - 101.6mm	.00005"/0.001mm	293-183	.0001"
3-4"/76.2 - 101.6mm	.00005"/0.001mm	293-188*	.0001"

* without SPC data output

DIMENSIONS AND MASS



Certificate of inspection

Technical Data

Accuracy: Refer to the list of specifications.
Resolution: 0.001mm or .00005"/0.001mm
Flatness: 0.3µm/0.00012"
Parallelism: 1µm/0.0004" for models up to 50mm/2"
2µm/0.0008" for models up to 100mm/4"
Measuring faces: Carbide tipped
Display: LCD
Battery: SR44 (1 pc), 938882
Battery life: Approx. 1.2 years under normal use (8 months: over 100mm models)
Dust/Water protection level: IP65

Function

Origin-set, Zero / ABS, Hold, Function locks, Auto power on/off, Data output (output models), inch/mm conversion (on inch/metric models only)
Alarm: Low voltage, Counting value composition error

Optional Accessories

- 05CZA62: SPC cable with data switch (1m/40")
- 05CZA63: SPC cable with data switch (2m/80")



316-329-26 Inspection Gage Block Set
Rectangular Steel Gage Block
10 pc. blocks and 1 pc. optical parallel

316-319-26 Inspection Gage Block Set
Rectangular Cera Gage Block
10 pc. blocks and 1 pc. optical parallel

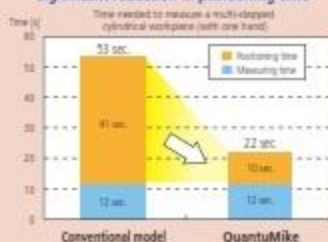


Ratchet on thimble

Ratchet on spindle

Ratchet-induced microvibrations along the spindle help ensure repeatable measurements.

Significant reduction in positioning time



Conventional model

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