Digimatic Micrometer
SERIES 293

B

FEATURES

293-582

SPECIFICATIONS

Metric With ratchet stop

Range	Order No.	Accuracy
300 - 325mm	**293-582**	±6µm
325 - 350mm	**293-583**	±6µm
350 - 375mm	**293-584**	±6µm
375 - 400mm	**293-585**	±7µm
400 - 425mm	**293-586**	±7µm
425 - 450mm	**293-587**	±7µm
450 - 475mm	**293-588**	±8µm
475 - 500mm	**293-589**	±8µm

Inch/Metric With ratchet stop

Range	Order No.	Accuracy
12" - 13"	**293-782**	±.0003"
13" - 14"	**293-783**	±.0003"
14" - 15"	**293-784**	±.0003"
15" - 16"	**293-785**	±.00035"
16" - 17"	**293-786**	±.00035"
17" - 18"	**293-787**	±.00035"
18" - 19"	**293-788**	±.0004"
19" - 20"	**293-789**	±.0004"

SPC

Technical Data

Accuracy: Refer to the list of specifications. (excluding quantizing error)
Resolution: 0.001mm or .0001"/0.001mm
Flatness: 0.6µm/.000024"
Parallelism: 5µm/.0002" for models up to 375mm/15"
6µm/.00024" for models up to 475mm/19"
7µm/.00028" for models over 500mm/20"
Measuring faces: Carbide
Display: LCD
Battery: SR44 (2 pcs.), **938882**
Battery life: Approx. 1.8 years under normal use
Dimensions: Refer to page B-5 for details.

Functions

Preset, Zero-setting, Power ON/OFF, Data hold, Data output, inch/mm conversion (inch/mm models)
Alarm: Low voltage, Counting value composition error

Optional Accessories

04AZB512: SPC cable (1m)
04AZB513: SPC cable (2m)
02AZD790E: SPC cable for U-WAVE (160mm)

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Mitutoyo guarantees the product quality
PROPRIETARY INSPECTION CERTIFICATE
Mitutoyo guarantees the product quality

(Refer to page VIII for details.)

FEATURES

- Simply measures 0 through 25mm with resolution to 0.001mm.
- Provided only with an origin-set button for easy origin setting.
- A ratchet stop or friction thimble for a constant measuring force.
- Measurement readout with large characters on the LCD screen.

293-821

SPECIFICATIONS

Metric With ratchet stop

Range	Order No.	Accuracy
0 - 25mm	**293-821**	±2µm

Inch/Metric With ratchet stop

Range	Order No.	Accuracy
0 - 1"	**293-831**	±.0001"

Inch/Metric With friction thimble

Range	Order No.	Accuracy
0 - 1"	**293-832**	±.0001"

Technical Data

Accuracy: Refer to the list of specifications. (excluding quantizing error)
Resolution: 0.001mm or .00005"/0.001mm
Flatness: 0.3µm/.000012"
Parallelism: 2µm/.00008"
Measuring faces: Carbide
Display: LCD
Battery: SR44 (1 pc.), **938882**
Battery life: Approx. 1.2 years under normal use

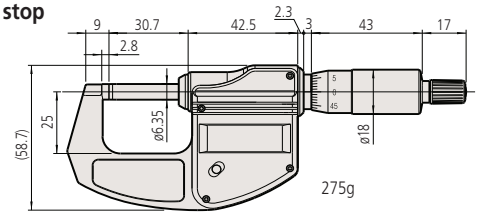
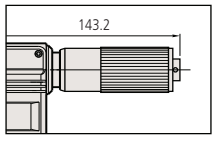
Functions

Origin-set, Automatic power on/off, inch/mm conversion (inch/mm models)
Alarm: Low voltage, Counting value composition error

DIMENSIONS AND MASS

Unit: mm

Ratchet stop



Friction thimble