SC METROMAT SRL

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Digimatic coolant proof micrometer IP65

Functions	Series 293
ORIGIN (until 100 mm)	●
ZERO/ABS	●
2 x PRESET (over 100 mm)	●
Auto Power OFF after 20 min. non use	●
Low voltage alarm	●
Function lock	●
HOLD	●

Specifications

Accuracy	Refer to the list of specifications (excluding quantizing error)
Measuring force	5-10 N
Scale	Thimble and sleeve satin chrome finish, ø18 mm
Digital step	0,001 mm
Flatness	0,3 µm
Parallelism	1 µm for models up to 50 mm 2 µm for models up to 100 mm 3 µm for models up to 175 mm 4 µm for models up to 275 mm 5 µm for models over 300 mm
Measuring surfaces	carbide-tipped, micro-lap finish
Measuring spindle	With spindle lock, ø 6,35 mm, spindle pitch 0,5 mm
Battery life	approx. 2,4 years for models up to 100 mm 1,2 years for >100mm
Delivered	Including box, key, 1 battery, setting standard (from 25 mm upward) certificate of inspection (0-50mm range)

Optional accessories

No.	Description	Price €
05CZA662	Digimatic Cable with Data Button IP Type, 1m, Micrometer Type	75,00
05CZA663	Digimatic Cable with Data Button IP Type, 2m, Micrometer Type	85,00
02AZD790B	U-WAVE T Connection Cable B, With Data Button IP Micrometer Type	97,00
06ADV380B	USB Input Tool Direct (Digimatic USB) cable, with Data Button, 2m, With Data Button IP Micrometer Type	117,00

Consumable spares

No.	Description	Price €
938882	Battery SR44 1.5V	6,00





Improved Battery Life (approx. 8700 hours continous use)

Scan QR Code with your mobile device and watch our product videos on YouTube

Series 293

This metric micrometer offers outstanding accuracy, with and without data input, and is highly robust.
The Digimatic Micrometer IP65 Metric offers the following benefits:
– Outstanding accuracy with just ±1µm instrumental error (75mm or less measuring range models).

Dust- and Waterproof IP65

Only for 0-25, 25-50 mm



293-234-30 with ratched thimble



293-230-30 with ratched stop



293-252-30

Metric — With ratchet stop

No.	Range [mm]	Accuracy [µm]	Data output	L [mm]	a [mm]	b [mm]	c [mm]	Mass [g]
293-230-30	0-25	±1	●					270
293-240-30	0-25	±1						270
293-231-30	25-50	±1	●					330
293-241-30	25-50	±1						330
293-232-30	50-75	±1	●					470
293-242-30	50-75	±1						470
293-233-30	75-100	±2	●					625
293-243-30	75-100	±2						625
293-250-30	100-125	±2	●	132,8	132,8	16,7	76,5	600
293-251-30	125-150	±2	●	158,2	158,2	18,8	91	740
293-252-30	150-175	±3	●	183,6	183,6	19,1	102	800
293-253-30	175-200	±3	●	208,8	208,8	18,2	115	970
293-254-30	200-225	±3	●	234,2	234,2	16,8	127	1100
293-255-30	225-250	±4	●	258	258	18	139	1270
293-256-30	250-275	±4	●	284	284	18	152	1340
293-257-30	275-300	±4	●	309	309	18	166	1540

*Dimensions 0-100 mm range see next page

Metric — With ratchet thimble

No.	Range [mm]	Accuracy [µm]	Data output	Mass [g]
293-234-30	0-25	±1	●	270
293-244-30	0-25	±1		270
293-235-30	25-50	±1	●	330
293-245-30	25-50	±1		330
293-236-30	50-75	±1	●	470
293-246-30	50-75	±1		470
293-237-30	75-100	±2	●	625
293-247-30	75-100	±2		625

*Dimensions 0-100 mm range see next page



▶ DIGIMATIC COOLANT PROOF MICROMETER IP65

- Boasts excellent resistance against water and dust (IP65 protection level), usable in machining situations that include splashing coolant fluid.
- Extremely resistant to coolants and lubricants
- Battery life: 2,4 years

No.	Range mm	Accuracy µm*
293-240-30	0 – 25	± 1
293-241-30	25 – 50	± 1
293-242-30	50 – 75	± 1
293-243-30	75 – 100	± 2
293-244-30	0 – 25	± 1

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Products and specifications are subject to change without prior notice.