

Series 293

- Faster measurement is achieved by using a coarser thread which feeds the spindle by 2 mm per thimble rotation.
- Extraordinary battery life of 2,4 years
- Outstanding accuracy
- Ratched thimble mechanism ensures easy single-handed or stand operation.
- Excellent resistance against water and dust (IP65 protection level) enables this micrometer to be used in machining situations that include splashing coolant fluid.



Only for 0-25,
25-50 mm



293-140-30



Coloured speeders

Metric

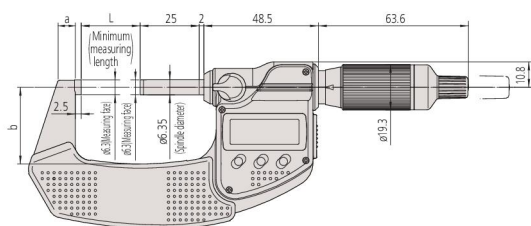
With data output

No.	Range [mm]	Flatness	Parallelism	Digital step	Maximum Permissible Error J MPE	Measuring force [N]	Mass [g]	L [mm]	a [mm]	b [mm]
293-140-30	0 - 25	0,3 µm	1 µm	0,001 mm	±1 µm	7-12	265	0	6,5	25
293-141-30	25 - 50	0,3 µm	1 µm	0,001 mm	±1 µm	7-12	325	25	7,3	32,5
293-142-30	50 - 75	0,3 µm	2 µm	0,001 mm	±2 µm	7-12	465	50	10,1	47
293-143-30	75 - 100	0,3 µm	2 µm	0,001 mm	±2 µm	7-12	620	75	11,5	60

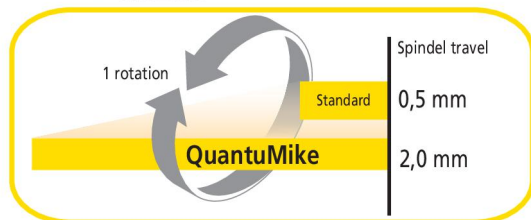
Metric







Without data output

No.	Range [mm]	Flatness	Parallelism	Digital step	Maximum Permissible Error J MPE	Measuring force [N]	Mass [g]	L [mm]	a [mm]	b [mm]
293-145-30	0 - 25	0,3 µm	1 µm	0,001 mm	±1 µm	7-12	265	0	6,5	25
293-146-30	25 - 50	0,3 µm	1 µm	0,001 mm	±1 µm	7-12	325	25	7,3	32,5
293-147-30	50 - 75	0,3 µm	2 µm	0,001 mm	±2 µm	7-12	465	50	10,1	47
293-148-30	75 - 100	0,3 µm	2 µm	0,001 mm	±2 µm	7-12	620	75	11,5	60



1 : Ratchet on thimble
2 : Ratchet on speeder



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

Specifications

Display	LCD, character height 7,5 mm
Measuring face	Carbide-tipped, micro-lap finish
Measuring spindle	With spindle lock, ø 6.35mm, 2 mm spindle pitch
Scale	Thimble and sleeve satin chrome finish
Power supply	1 battery SR-44
Battery life	Approx. 2,4 years
Delivered	Including box, key, 1 battery, setting standard (from 25 mm upward) certificate of inspection (0-50 mm range)

Optional accessories

No.	Description
05CZA662	Digimatic Cable with Data Button IP Type, 1m, Micrometer Type
05CZA663	Digimatic Cable with Data Button IP Type, 2m, Micrometer Type
06AFM380B	USB Input Tool Direct (Digimatic USB), Digi/Digi2, With Data Button IP Micrometer Type
264-622	U-WAVE fit, IP67 Type, Wireless Transmitter for Micrometer
264-623	U-WAVE fit, Buzzer Type, Wireless Transmitter for Micrometer
02AZF310	Connection Unit, U-WAVE fit, Waterproof Type
04GAA899	Color Speeder, for Ratchet Thimble Black
04GAA900	Color Speeder, for Ratchet Thimble Red
04GAA901	Color Speeder, for Ratchet Thimble Yellow
04GAA902	Color Speeder, for Ratchet Thimble Green
04GAA903	Color Speeder, for Ratchet Thimble Blue
04AAB208	Color Speeder, For Ratchet Thimble Grey

Consumable spares

No.	Description
938882	Battery SR44 1.5V



With Wireless System U-WAVE fit