

Digimatic Spline Micrometers

Series 331



IP65

Functions	Series 331
ORIGIN	●
ZERO/ABS	●
Auto Power OFF after 20 min. non use	●
Low voltage alarm	●
Function lock	●
HOLD	●

Specifications

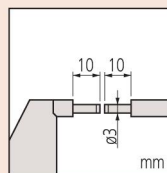
Display	LCD, character height 7,5 mm
Measuring face	Carbide-tipped, micro-lap finish
Measuring spindle	With spindle lock, ϕ 6,35 mm, spindle pitch 0,5 mm
Scale	Thimble and sleeve satin chrome finish
Power supply	1 battery SR-44
Battery life	Approx. 2,4 years
Delivered	Including box, key, 1 battery, setting standard (from 25 mm upward)

Optional accessories

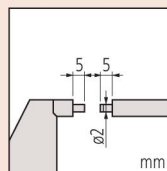
No.	Description
05CZA662	Digimatic Cable with Data Button IP Type, 1m, Micrometer Type
05CZA663	Digimatic Cable with Data Button IP Type, 2m, Micrometer Type
06AFM380B	USB Input Tool Direct (Digimatic USB), Digi/Digi2, With Data Button IP Micrometer Type
264-622	U-WAVE fit, IP67 Type, Wireless Transmitter for Micrometer
264-623	U-WAVE fit, Buzzer Type, Wireless Transmitter for Micrometer
02AZF310	Connection Unit, U-WAVE fit, Waterproof Type

Consumable spares

No.	Description
938882	Battery SR44 1.5V



Type A



Type B

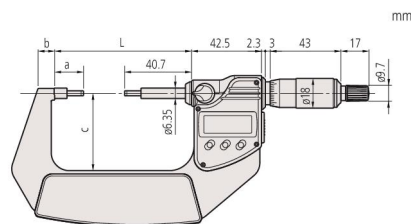


331-251-30

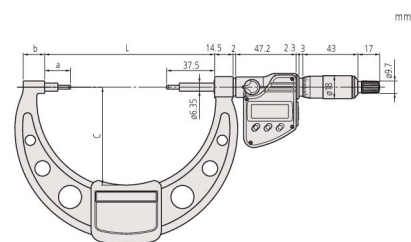
Metric

No.	Range [mm]	Flatness	Parallelism	Digital step	Maximum Permissible Error J MPE	Anvil / Spindle	Measuring force [N]	Mass [g]
331-251-30	0 - 25	0,3 μ m	2 μ m	0,001 mm	$\pm$ 2 μ m	Type A, flat/flat	5-10	330
331-261-30	0 - 25	0,3 μ m	2 μ m	0,001 mm	$\pm$ 2 μ m	Type B, spherical/flat	5-10	330
331-252-30	25 - 50	0,3 μ m	2 μ m	0,001 mm	$\pm$ 2 μ m	Type A, flat/flat	5-10	470
331-262-30	25 - 50	0,3 μ m	2 μ m	0,001 mm	$\pm$ 2 μ m	Type B, spherical/flat	5-10	470
331-253-30	50 - 75	0,3 μ m	2 μ m	0,001 mm	$\pm$ 2 μ m	Type A, flat/flat	5-10	625
331-263-30	50 - 75	0,3 μ m	2 μ m	0,001 mm	$\pm$ 2 μ m	Type B, spherical/flat	5-10	625
331-254-30	75 - 100	0,3 μ m	3 μ m	0,001 mm	$\pm$ 3 μ m	Type A, flat/flat	5-10	565
331-264-30	75 - 100	0,3 μ m	3 μ m	0,001 mm	$\pm$ 3 μ m	Type B, spherical/flat	5-10	565

No.	L [mm]	a [mm]	b [mm]	c [mm]
331-251-30	58,2	17,5	7,3	32,5
331-261-30	58,2	17,5	7,3	32,5
331-252-30	83,2	17,5	10,1	47
331-262-30	83,2	17,5	10,1	47
331-253-30	108,2	17,5	11,5	60
331-263-30	108,2	17,5	11,5	60
331-254-30	132,8	20,3	16,7	76
331-264-30	132,8	20,3	16,7	76



0-75 mm



75-100 mm