Digimatic Point Micrometers

Functions	Series 342
Data output	●
ORIGIN	●
ABS / INC (INC ZERO)	●
Auto Power OFF after 20 min. non use	●
Low voltage alarm	●
Function lock	●

Specifications

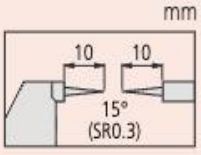
Display	LCD, character height 7,5 mm
Measuring face	Carbide-tipped and conical spindle and anvil, measuring point radius 0,3 mm
Measuring spindle	With spindle lock, ø 6,35 mm, spindle pitch 0,5 mm
Scale	Thimble and sleeve satin chrome finish
Power supply	1 battery SR-44
Battery life	Approx. 2,4 years
Delivered	Including box, key, 1 battery, setting standard (from 25 mm upward)

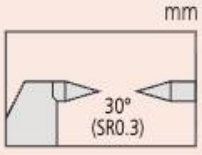
Optional accessories

No.	Description
05CZA662	Digimatic Cable with Data Button IP Type, 1 m, Micrometer Type
05CZA663	Digimatic Cable with Data Button IP Type, 2 m, Micrometer Type
06AFM380B	USB Input Tool Direct (Digimatic to USB), 2m Cable, Digimatic/Digimatic 2, with Data Button IP Micrometer Type
264-622	U-WAVE fit, IP67 Type, Wireless Transmitter for Micrometer/Indicator
264-623	U-WAVE fit, Buzzer Type, Wireless Transmitter for Micrometer/Indicator
264-626	U-WAVE fit Bluetooth, IP67 Type, Wireless Transmitter for Micrometer/Indicator
264-627	U-WAVE fit Bluetooth, Buzzer Type, Wireless Transmitter for Micrometer/Indicator
02AZF310	Connection Unit for IP Caliper, Micrometer, with Data Button for U-WAVE fit, U-WAVE fit Bluetooth

Consumable spares

No.	Description
63AAA800	Battery SR44 1,5 V







Series 342

This Digimatic Point Micrometer features a pointed anvil and spindle, and offers the following benefits:

- Its pointed anvil and spindle has a choice of included angle, ending in small-radius contact points.
- You can use it to measure grooves, steps and similar.

Dust- and Water-Protected

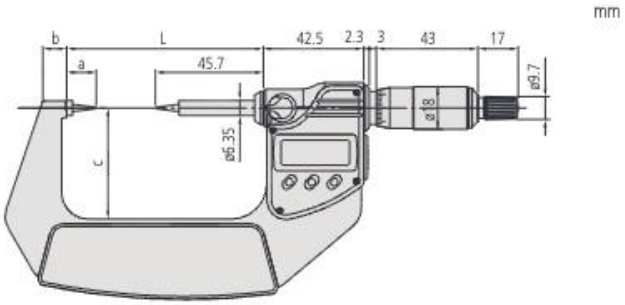
IP65



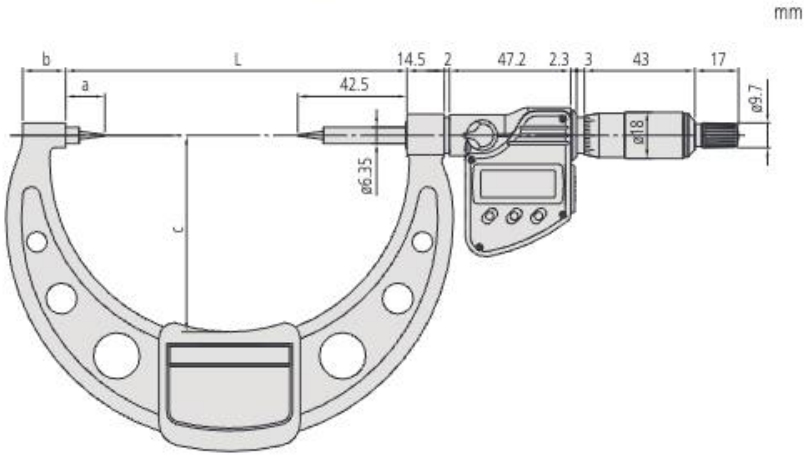
342-251-30

Metric

No.	Range [mm]	Digital step	Max. Permissible Error E MPE	Tip	Measuring force [N]	L [mm]	a [mm]	b [mm]	c [mm]	Mass [g]
342-251-30	0–25	0,001 mm	±2 µm	15°	3-8	58,2	12,5	7,3	32	330
342-261-30	0–25	0,001 mm	±2 µm	30°	3-8	58,2	12,5	7,3	32	330
342-252-30	25–50	0,001 mm	±2 µm	15°	3-8	83,2	12,5	10,1	47	470
342-262-30	25–50	0,001 mm	±2 µm	30°	3-8	83,2	12,5	10,1	47	470
342-253-30	50–75	0,001 mm	±2 µm	15°	3-8	108,2	12,5	11,5	60	625
342-263-30	50–75	0,001 mm	±2 µm	30°	3-8	108,2	12,5	11,5	60	625
342-254-30	75–100	0,001 mm	±3 µm	15°	3-8	132,8	15,3	16,7	76	565
342-264-30	75–100	0,001 mm	±3 µm	30°	3-8	132,8	15,3	16,7	76	565



0-75 mm



75-100 mm

All products to be sold to commercial customers.
Product illustrations are without obligation. Product descriptions, in particular any and all technical specifications, are only binding when explicitly agreed upon.

Mitutoyo