Crimp Height Micrometers

Series 342/ Series 112

This Crimp Height Micrometer that features a flat anvil and pointed spindle offers you the following benefits:

- It allows you to measure the crimped height of electrical contacts.
- Excellent resistance against water and dust (IP65 protection level).

Dust- and Water-Protected TÜVRheinland CERTIFIED www.tuv.com ID 0000040191

342-271-30

Dust- and Water-Protected TÜVRheinland CERTIFIED www.tuv.com ID 0000063013

342-451-20

ABSOLUTE® IP65

342-451-20

Functions	Series 342/ Series 112 342-271-30	342-451-20
Data output	●	●
ON/OFF		●
ORIGIN	●	●
ABS / INC (INC ZERO)	●	●
Auto Power OFF after 20 min. non use	●	
Low voltage alarm	●	●
Function lock	●	
HOLD	●	●

Specifications

Measuring face	Hardened steel
Measuring spindle	With spindle lock, ø 6,35 mm, spindle pitch 0,5 mm (342-271-30, 112-401) without spindle lock ø 6,35 mm, spindle feed (342-451-20) 10 mm
Scale	Thimble and sleeve satin chrome finish ø18 mm (112-401, 342-271-30)
Power supply	1 battery SR-44
Battery life	Approx. 2,4 years (342-271-30), 5 years under normal use (342-451-20)
Delivered	Including box, 1 battery

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
02AZD880G	U-WAVE-T, Buzzer Type, Wireless Transmitter
02AZD730G	U-WAVE-T, IP67 Type, Wireless Transmitter
02AZD790B	Connection Cable B for U-WAVE, with Data Button for IP Micrometer Type

02AZD880G, 02AZD730G, 02AZD790B
Wireless Sytem for 342-451-20

264-622, 264-623, 02AZF310
or
264-626, 264-627, 02AZF310
Wireless System for 342-271-30





112-401



342-271-30



342-451-20

Metric — Analog model

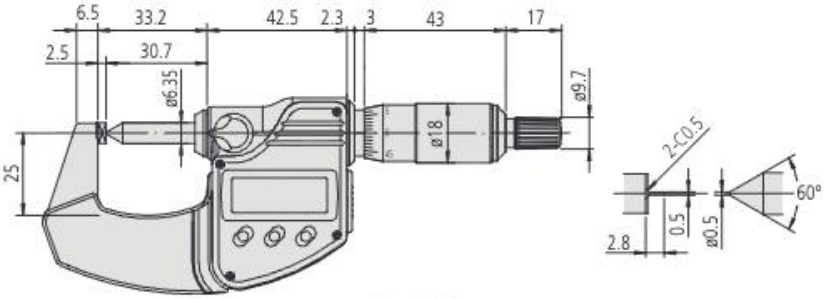
No.	Range [mm]	Graduation	Max. Permissible Error E MPE	Measuring force [N]	Mass [g]
112-401	0–25	0,01 mm	±3 µm	3-8	165

Metric — Digital model

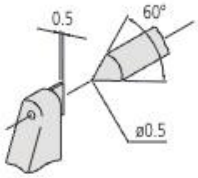
No.	Range [mm]	Digital step	Max. Permissible Error E MPE	Measuring force [N]	Mass [g]
342-271-30	0–20	0,001 mm	±3 µm	3-8	270

Metric — Quickmike

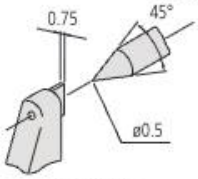
No.	Range [mm]	Digital step	Max. Permissible Error E MPE	Measuring force [N]	Mass [g]
342-451-20	0–15	0,001 mm	±3 µm	4-6	270



342-271-30



342-271-30
112-401



342-451-20

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Product illustrations are without obligation. Product descriptions, in particular any and all technical specifications, are only binding when explicitly agreed upon.

Mitutoyo