ABSOLUTE Coolant Proof Calipers IP67

Functions	Series 500
ORIGIN (ABS-Zero)	●
Auto Power OFF after 20 min. non use	●
Low voltage alarm	●

Specifications

Digital step	0,01 mm
Max. response speed	Unlimited
Display	LCD, character height 9 mm (150, 200 mm) 11 mm (300 mm)
Battery life	Approx. 5 years under normal use
Delivered	In a case, including 1 battery

Optional accessories

No.	Description
05CZA624	Digimatic Cable with Data Button IP Type, 1 m, Caliper Type
05CZA625	Digimatic Cable with Data Button IP Type, 2 m, Caliper Type
06AFM380A	USB Input Tool Direct (Digimatic to USB), 2m Cable, Digimatic/Digimatic 2, with Data Button IP Caliper Type
264-620	U-WAVE fit, IP67 Type, Wireless Transmitter for Caliper
264-621	U-WAVE fit, Buzzer Type, Wireless Transmitter for Caliper
264-624	U-WAVE fit Bluetooth, IP67 Type, Wireless Transmitter for Caliper
264-625	U-WAVE fit Bluetooth, Buzzer Type, Wireless Transmitter for Caliper
02AZF310	Connection Unit for IP Caliper, Micrometer, with Data Button for U-WAVE fit, U-WAVE fit Bluetooth
050083-10	Depth Base Attachment for Caliper, 75mm width for 100, 150, 200mm Range
050084-10	Depth Base Attachment for Caliper, 100mm width for 100, 150, 200mm Range
050085-10	Depth Base Attachment for Caliper, 125mm width for 300mm Range

Consumable spares

No.	Description
63AAA800	Battery SR44 1,5 V



Beam 150 and 200 mm or 300 mm



With Wireless System U-WAVE fit



050083-10

Series 500

This IP67 ABSOLUTE digimatic caliper allows reliable measurements in a wide range of situations and offers you the following benefits:

- Excellent resistance against water and dust (IP67 protection level) enabling use in machining situations that include splashing coolant fluid
- It is dustproof, complies with EN60529 and withstands temporary complete immersion in water without suffering any damage.
- ABS (ABSOLUTE) scale requires no origin setting after power-on and has no limit to response speed.

Dust- and Water-Protected

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ABSOLUTE®

PROPRIETARY INSPECTION CERTIFICATE

IP67

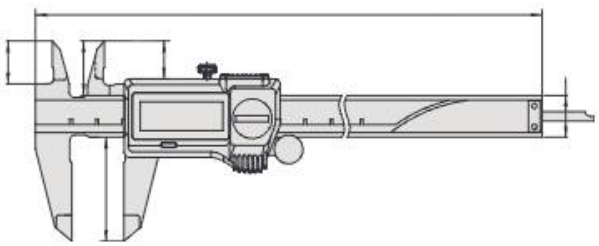


500-706-20

Metric

No.	Range [mm]	Depth bar	Thumb roller	Data output	Max. Permissible Error E MPE	Max. Permissible Error S MPE
500-706-20	0–150	flat			±0,02 mm	±0,04 mm
500-709-20	0–150	Ø 1,9 mm			±0,02 mm	±0,04 mm
500-716-20	0–150	flat		●	±0,02 mm	±0,04 mm
500-702-20	0–150	flat	●		±0,02 mm	±0,04 mm
500-712-20	0–150	flat	●	●	±0,02 mm	±0,04 mm
500-719-20	0–150	Ø 1,9 mm	●	●	±0,02 mm	±0,04 mm
500-707-20	0–200	flat			±0,02 mm	±0,04 mm
500-717-20	0–200	flat		●	±0,02 mm	±0,04 mm
500-703-20	0–200	flat	●		±0,02 mm	±0,04 mm
500-713-20	0–200	flat	●	●	±0,02 mm	±0,04 mm
500-708-20	0–300	flat			±0,03 mm	±0,05 mm
500-718-20	0–300	flat		●	±0,03 mm	±0,05 mm
500-704-20	0–300	flat	●		±0,03 mm	±0,05 mm
500-714-20	0–300	flat	●	●	±0,03 mm	±0,05 mm

No.	L [mm]	A [mm]	B [mm]	C [mm]	D [mm]	H [mm]	Mass [g]
500-706-20	233	16,5	21	14,6	40	16	168
500-709-20	233	16,5	21	14,6	40	16	168
500-716-20	233	16,5	21	14,6	40	16	168
500-702-20	233	16,5	21	14,6	40	16	168
500-712-20	233	16,5	21	14,6	40	16	168
500-719-20	233	16,5	21	14,6	40	16	168
500-707-20	290	20	24,5	18,1	50	16	198
500-717-20	290	20	24,5	18,1	50	16	198
500-703-20	290	20	24,5	18,1	50	16	198
500-713-20	290	20	24,5	18,1	50	16	198
500-708-20	404	22	27,5	19,8	64	20	345
500-718-20	404	22	27,5	19,8	64	20	345
500-704-20	404	22	27,5	19,8	64	20	350
500-714-20	404	22	27,5	19,8	64	20	350



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Mitutoyo