

ABSOLUTE AOS Digimatic Calipers

Series 500

This digimatic caliper allows you to take reliable measurements and offers you the following benefits:

- AOS (Advanced Onsite Sensor) induction type encoder used in top-of-the-line ABS coolant-proof calipers
- Thanks to the adoption of the electromagnetic induction type ABS encoder, this caliper can be used without concern for contamination on the scale face during measurement. Detection signal is not affected by dirt (water, oil, etc.) on surface of a scale.
- ABS (ABSOLUTE) scale requires no origin setting after power-on and has no limit to response speed.

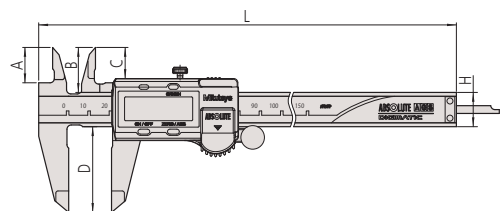


500-181-30

Metric

No.	Range [mm]	Depth bar	Thumb roller	Data output	Max. Permissible Error E MPE	Max. Permissible Error S MPE	Mass [g]
500-180-30	0 - 100	Ø 1,9 mm			±0,02 mm	±0,04 mm	143
500-201-30	0 - 100	Ø 1,9 mm		●	±0,02 mm	±0,04 mm	143
500-150-30	0 - 100	Ø 1,9 mm	●	●	±0,02 mm	±0,04 mm	143
500-181-30	0 - 150	flat			±0,02 mm	±0,04 mm	168
500-184-30	0 - 150	Ø 1,9 mm			±0,02 mm	±0,04 mm	168
500-161-30	0 - 150	flat		●	±0,02 mm	±0,04 mm	168
500-203-30	0 - 150	Ø 1,9 mm		●	±0,02 mm	±0,04 mm	168
500-151-30	0 - 150	flat	●	●	±0,02 mm	±0,04 mm	168
500-158-30	0 - 150	Ø 1,9 mm	●	●	±0,02 mm	±0,04 mm	168
500-182-30	0 - 200	flat			±0,02 mm	±0,04 mm	194
500-162-30	0 - 200	flat		●	±0,02 mm	±0,04 mm	194
500-152-30	0 - 200	flat	●	●	±0,02 mm	±0,04 mm	198
500-205-30	0 - 300	flat		●	±0,03 mm	±0,05 mm	345
500-153-30	0 - 300	flat	●	●	±0,03 mm	±0,05 mm	350

No.	L [mm]	A [mm]	B [mm]	C [mm]	D [mm]	H [mm]
500-180-30	182	16,5	21	14,5	40	16
500-201-30	182	16,5	21	14,5	40	16
500-150-30	182	16,5	21	14,5	40	16
500-181-30	233	16,5	21	14,5	40	16
500-184-30	233	16,5	21	14,5	40	16
500-161-30	233	16,5	21	14,5	40	16
500-203-30	233	16,5	21	14,5	40	16
500-151-30	233	16,5	21	14,5	40	16
500-158-30	233	16,5	21	14,5	40	16
500-182-30	290	20	24,5	18	50	16
500-162-30	290	20	24,5	18	50	16
500-152-30	290	20	24,5	18	50	16
500-205-30	404	22	27,5	19,8	64	20
500-153-30	404	22	27,5	19,8	64	20



ABSOLUTE®



Functions	Series 500
ORIGIN (ABS-Zero)	●
ON/OFF	●
ABS / INC (INC ZERO)	●
Low voltage alarm	●

Specifications

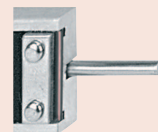
Digital step	0,01 mm
Max. response speed	Unlimited
Display	LCD, character height 9 mm (150, 200 mm) 11 mm (300 mm)
Delivered	In a case, including 1 battery
Battery life	Approx. 5 years under normal use

Optional accessories

No.	Description
959149	Digimatic Cable, Straight, Data Button, 1 m
959150	Digimatic Cable, Straight, Data Button, 2 m
06AFM380C	USB Input Tool Direct (Digimatic USB), Digi/Digi2, Straight, with Data Button
264-620	U-WAVE fit, IP67 Type, Wireless Transmitter for Caliper
264-621	U-WAVE fit, Buzzer Type (not IP rated), Wireless Transmitter for Caliper
264-624	U-WAVE fit Bluetooth, IP67 Type, Wireless Transmitter for Caliper
264-625	U-WAVE fit Bluetooth, Buzzer Type (not IP rated), Wireless Transmitter for Caliper
02AZF300	Connection Unit, U-WAVE fit, U-WAVE fit, U-WAVE fit Bluetooth
959143	Data Hold Unit
050083-10	Depth Base Attachment for Caliper, 75mm width, 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

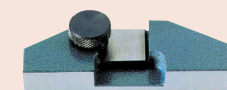
No.	Description
938882	Battery SR44 1,5 V



Round depth bar type



Caliper with Wireless System U-WAVE fit



050083-10