

ABSOLUTE AOS Digimatic Calipers with Carbide Tipped Jaws

Series 500

These Digimatic calipers have carbide-tipped jaws and allow you to take reliable measurements and offer you the following benefits:

- 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.
- The slider provides smooth, stable and comfortable operation.
- Character height: 9 mm (alleviation of fatigue with the high-contrast LCD)
- The ABS (ABSOLUTE) scale requires no origin setting after power-on and also has no limit to response speed.
- Extraordinary battery life



ABSOLUTE®



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

Specifications

Digital step	0,01 mm
Max. response speed	Unlimited
Battery life	Approx. 5 years under normal use

Optional accessories

No.	Description
959149	Digimatic Cable, Straight, Data Button,, 1m
959150	Digimatic Cable, Straight, Data Button,, 2m
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, Wireless Transmitter for Caliper
02AZF300	Connection Unit, U-WAVE fit, Standard Type
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

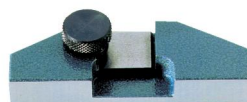
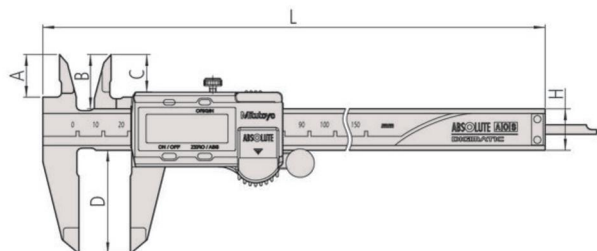
Consumable spares

No.	Description
938882	Battery SR44 1.5V

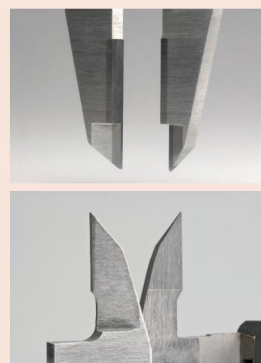
Metric

No.	Range [mm]	Depth bar	Thumb roller	Accuracy	Data output	Resolution	Mass [g]
500-234-30	0 - 150	Flat		±0,02 mm	●	0,01mm	168
500-233-30	0 - 150	Flat		±0,02 mm	●	0,01mm	168
500-154-30	0 - 150	Flat	●	±0,02 mm	●	0,01mm	168
500-235-30	0 - 200	Flat		±0,02 mm	●	0,01mm	194
500-155-30	0 - 150	Flat	●	±0,02 mm	●	0,01mm	168
500-156-30	0 - 200	Flat	●	±0,02 mm	●	0,01mm	194
500-236-30	0 - 200	Flat		±0,02 mm	●	0,01mm	194
500-157-30	0 - 200	Flat	●	±0,02 mm	●	0,01mm	194

No.	L [mm]	A [mm]	B [mm]	C [mm]	D [mm]	H [mm]
500-234-30	233	16,5	21	14,5	40	16
500-233-30	233	16,5	21	14,5	40	16
500-154-30	233	16,5	21	14,5	40	16
500-235-30	290	20	24,5	18	50	16
500-155-30	233	16,5	21	14,5	40	16
500-156-30	290	20	24,5	18	50	16
500-236-30	290	20	24,5	18	50	16
500-157-30	290	20	24,5	18	50	16



050083-10



Carbide-tipped jaws