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.



500-233-30

Metric Carbide-tipped jaws for outside/inside measurement

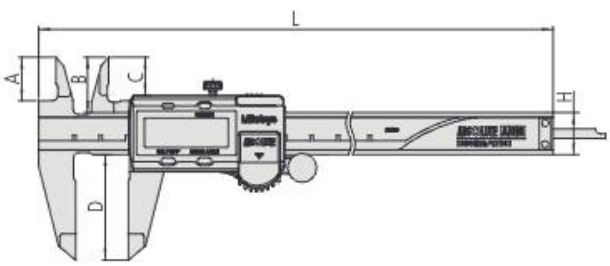
No.	Range [mm]	Depth bar	Thumb roller	Data output	Max. Permissible Error E MPE	Max. Permissible Error S MPE
500-234-30	0–150	Flat		●	±0,02 mm	±0,04 mm
500-155-30	0–150	Flat	●	●	±0,02 mm	±0,04 mm
500-236-30	0–200	Flat		●	±0,02 mm	±0,04 mm
500-157-30	0–200	Flat	●	●	±0,02 mm	±0,04 mm

No.	L [mm]	A [mm]	B [mm]	C [mm]	D [mm]	H [mm]	Mass [g]
500-234-30	233	16,5	21	14,5	40	16	168
500-155-30	233	16,5	21	14,5	40	16	168
500-236-30	290	20	24,5	18	50	16	194
500-157-30	290	20	24,5	18	50	16	194

Metric Carbide-tipped jaws for outside measurement

No.	Range [mm]	Depth bar	Thumb roller	Data output	Max. Permissible Error E MPE	Max. Permissible Error S MPE
500-233-30	0–150	Flat		●	±0,02 mm	±0,04 mm
500-154-30	0–150	Flat	●	●	±0,02 mm	±0,04 mm
500-235-30	0–200	Flat		●	±0,02 mm	±0,04 mm
500-156-30	0–200	Flat	●	●	±0,02 mm	±0,04 mm

No.	L [mm]	A [mm]	B [mm]	C [mm]	D [mm]	H [mm]	Mass [g]
500-233-30	233	16,5	21	14,5	40	16	168
500-154-30	233	16,5	21	14,5	40	16	168
500-235-30	290	20	24,5	18	50	16	194
500-156-30	290	20	24,5	18	50	16	194



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

Specifications

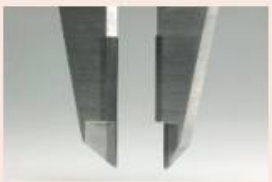
Digital step	0,01 mm
Max. response speed	Unlimited
Display	LCD, character height 9 mm
Battery life	Approx. 5 years under normal use
Delivered	In a case, including 1 battery

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 to USB), 2m Cable, Digimatic/Digimatic 2, 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
264-624	U-WAVE fit Bluetooth, IP67 Type, Wireless Transmitter for Caliper
264-625	U-WAVE fit Bluetooth, Buzzer Type, Wireless Transmitter for Caliper
02AZF300	Connection Unit for Standard Caliper, with Data Button for U-WAVE fit, U-WAVE fit Bluetooth
959143	Data Hold Unit, for Digital Caliper
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

Consumable spares

No.	Description
63AAA800	Battery SR44 1,5 V





Carbide-tipped jaws



050083-10

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.