

ABSOLUTE AOS Digimatic Caliper with Carbide Tipped Jaws

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

Specifications

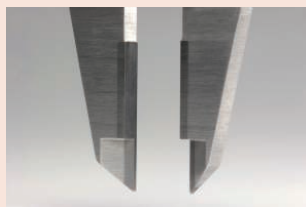
Accuracy	≤ 200 mm : ±0,02 mm > 200 mm : ±0,03 mm (excluding quantizing error)
Max. response speed	Unlimited
Digital step	0,01 mm
Battery life	approx. 18000 hours
Display	LCD, Character Height 9 mm
Delivered	In a case, including 1 battery

Optional accessories

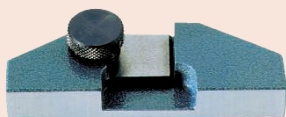
No.	Description
959149	Digimatic cable with data switch (1 m)
959150	Digimatic cable with data switch (2 m)
02AZD790C	U-WAVE Data Cable with data switch
06ADV380C	USB Input tool Direct cable with data switch (2 m)
959143	Data-hold unit
050083-10	75 base for depth measurement for models up to 200
050084-10	100 base for depth measurement for models up to 200
050085-10	125 base for depth measurement for 300 models

Consumable spares

No.	Description
938882	Battery SR44



Carbide-tipped jaws



050083-10

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: 9mm (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



Metric

Carbide-tipped jaws for outside/inside measurement

No.	Range [mm]	Data output	Thumb roller	L [mm]	a [mm]	b [mm]	c [mm]	d [mm]	Mass [g]
500-234-30	0-150	●		233	40	21	16,5	16	168
500-155-30	0-150	●	●	233	40	21	16,5	16	168
500-236-30	0-200	●		290	50	24,5	20	16	198
500-157-30	0-200	●	●	290	50	24,5	20	16	198

Metric

Carbide-tipped jaws for outside measurement

No.	Range [mm]	Data output	Thumb roller	L [mm]	a [mm]	b [mm]	c [mm]	d [mm]	Mass [g]
500-233-30	0-150	●		233	40	21	16,5	16	168
500-154-30	0-150	●	●	233	40	21	16,5	16	168
500-235-30	0-200	●		290	50	24,5	20	16	198
500-156-30	0-200	●	●	290	50	24,5	20	16	198

