

ABSOLUTE Digimatic Caliper IP67 with Carbide Tipped Jaws

Series 500

These robust calipers have carbide-tipped jaws and allow you to take reliable measurements in a wide range of situations.

The ABSOLUTE Digimatic Carbide Caliper IP67 offers you the following benefits:

- ABSOLUTE system delivers reliable measurements.
- It has excellent resistance against water and dust (IP67 protection level) enabling you to use it in machining situations that include splashing coolant fluid.
- Complies with EN60529, is dustproof and will even withstand temporary complete immersion in water without suffering any damage
- Extremely resistant to coolants and lubricants.
- Extraordinary battery life.

ABSOLUTE®

IP67



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

Specifications

Accuracy	≤ 200 mm : ±0,02 mm > 200 mm : ±0,03 mm (excluding quantizing error)
Max. response speed	Unlimited
Depth bar	Flat
Digital step	0,01 mm
Display	LCD, Character height 7,5 mm
Battery life	approx. 15.000 hours
Delivered	In a case, including 1 battery

Optional accessories

No.	Description
05CZA624	Digimatic cable with data switch (1 m)
05CZA625	Digimatic cable with data switch (2 m)
02AZD790A	Connecting cable U-Wave with data switch
06ADV380A	USB Input Tool Direct cable (2 m)
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



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]
500-727-11	0-150	●		233	40	21	16.5	16	164
500-723-10	0-150	●	●	233	40	21	16.5	16	168
500-728-11	0-200	●		290	50	24.5	20	16	194
500-724-10	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]
500-721-10	0-150	●	●	233	40	21	16.5	16	168
500-722-10	0-200	●	●	290	50	24.5	20	16	198



Carbide-tipped jaws

