SC METROMAT SRL

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Mitutoyo

Subler digital ABSOLUTE AOS seria 500

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

Specifications

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

Optional accessories

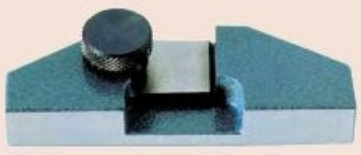
No.	Description	
959149	Digimatic Cable, Straight, Data Button, 1m	
959150	Digimatic Cable, Straight, Data Button, 2m	
02AZD790C	U-WAVE T Connection Cable C, Straight, with Data Button	
06ADV380C	USB Input Tool Direct (Digimatic USB) cable, with Data Button, 2m, Straight, with Data Button	
959143	Data Hold Unit	
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	
050085-10	Depth Base Attachment for Caliper, 125mm width, for 300mm range	

Consumable spares

No.	Description	
938882	Battery SR44 1.5V	



Round depth bar type



050083-10

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Series 500

These Digimatic calipers allow you to take reliable measurements and offer you the following benefits:

- Now equipped with the same 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 (except 300mm type).
- 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



500-181-30

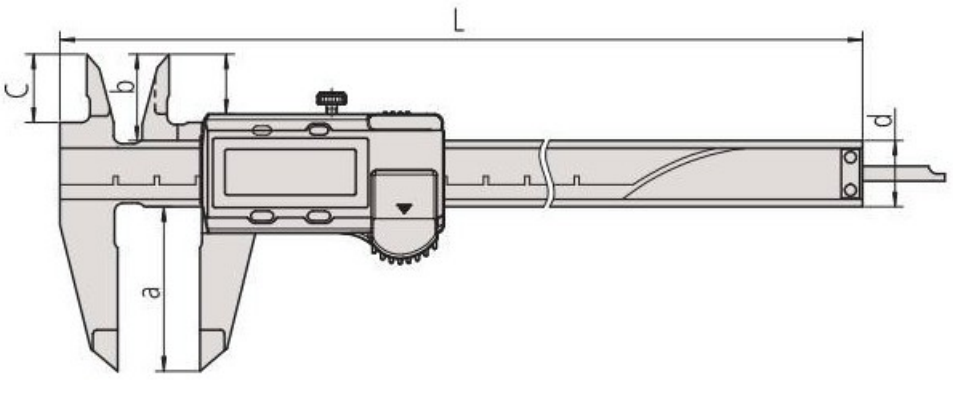
Metric — Without thumb roller

No.	Range [mm]	Depth bar	Data output	L [mm]	a [mm]	b [mm]	c [mm]	d [mm]	Mass [g]
500-180-30	0-100	Ø 1,9 mm		182	40	21	16,5	16	142
500-201-30	0-100	Ø 1,9 mm	●	182	40	21	16,5	16	143
500-184-30	0-150	Ø 1,9 mm		233	40	21	16,5	16	164
500-203-30	0-150	Ø 1,9 mm	●	233	40	21	16,5	16	168
500-181-30	0-150	flat		233	40	21	16,5	16	164
500-161-30	0-150	flat	●	233	40	21	16,5	16	164
500-182-30	0-200	flat		290	50	24,5	20	16	194
500-162-30	0-200	flat	●	290	50	24,5	20	16	194
500-205	0-300	flat	●	404	64	27,5	22	20	350

Metric — With thumb roller

No.	Range [mm]	Depth bar	Data output	L [mm]	a [mm]	b [mm]	c [mm]	d [mm]	Mass [g]
500-150-30	0-100	Ø 1,9 mm	●	182	40	21	16,5	16	143
500-151-30	0-150	flat	●	233	40	21	16,5	16	164
500-158-30	0-150	Ø 1,9 mm	●	233	40	21	16,5	16	164
500-152-30	0-200	flat	●	290	50	24,5	20	16	194
500-153	0-300	flat	●	404	64	27,5	22	20	350

Also available! Inch/Metric Models



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Products and specifications are subject to change without prior notice.