ABSOLUTE Digimatic Calipers with Nib Style Jaws

Series 550

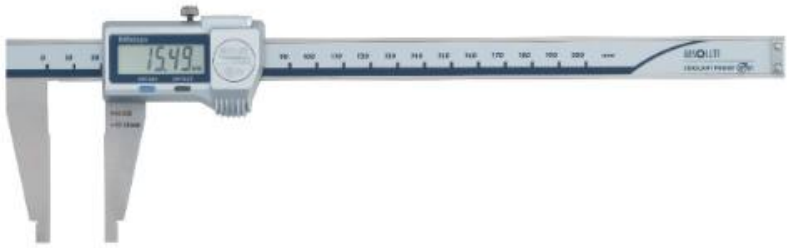
This is a Digimatic caliper with nib-style jaws that lets you measure inside dimensions.
It offers you the following benefits:

- Rounded measuring surfaces enable you to measure inside dimensions.
- ABSOLUTE System delivers reliable measurements.

Dust- and Water-Protected
TÜVRheinland CERTIFIED
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ABSOLUTE®
IP67

550-301-20
550-331-20



550-301-20

Functions	Series 550		
	550-203-10 up to 550-207-10	550-301-20	550-331-20
ORIGIN (ABS-Zero)	●	●	●
PRESET			●
ON/OFF	●		
Auto Power OFF after 20 min. non use		●	●
Low voltage alarm	●	●	●
Data output	●	●	●

Specifications

Digital step	0,01 mm
Max. response speed	Unlimited
Display	LCD, character height: 9 mm (200 mm), 11 mm (300 mm), 10 mm (>300 mm)
OFFSET	10 mm (IP67 type only)
Battery life	Approx. 5 years, 3,5 years (>300 mm)
Delivered	In a case, including 1 battery

Metric — IP67 model

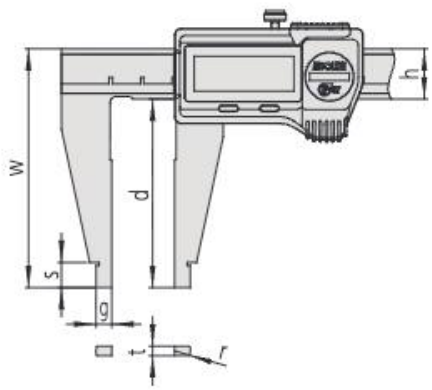
No.	Range [mm]	Inside measuring from	Max. Permissible Error E MPE	Max. Permissible Error S MPE
550-301-20	0–200	10,1 mm	±0,03 mm	±0,03 mm
550-331-20	0–300	10,1 mm	±0,04 mm	±0,04 mm

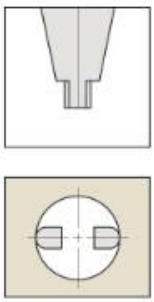
No.	L [mm]	d [mm]	g [mm]	s [mm]	w [mm]	h [mm]	t [mm]	R [mm]	Mass [g]
550-301-20	290	60	5	8	76	16	3	5	180
550-331-20	404	75	5	12	95	20	3,8	5	365

Metric — Non IP67 model

No.	Range [mm]	Inside measuring from	Max. Permissible Error E MPE	Max. Permissible Error S MPE
550-203-10	0–450	20,1 mm	±0,05 mm	±0,05 mm
550-205-10	0–600	20,1 mm	±0,05 mm	±0,05 mm
550-207-10	0–1000	20,1 mm	±0,07 mm	±0,07 mm

No.	L [mm]	d [mm]	g [mm]	s [mm]	w [mm]	h [mm]	t [mm]	R [mm]	Mass [g]
550-203-10	630	100	10	18	125	25	6	10	1110
550-205-10	780	100	10	18	125	25	6	10	1290
550-207-10	1240	140	10	24	172	32	8	10	3350





Round surfaces of jaws for measuring inside dimensions

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
02AZD880G	U-WAVE-T, Buzzer Type, Wireless Transmitter
02AZD730G	U-WAVE-T, IP67 Type, Wireless Transmitter
02AZD790C	Connection Cable C for U-WAVE, Straight, with Data Button
959143	Data Hold Unit, for Digital Caliper

Optional accessories for IP67

No.	Description
05CZA624	Digimatic Cable with Data Button IP Type, 1 m, Caliper Type
05CZA625	Digimatic Cable with Data Button IP Type, 2 m, Caliper Type
06AFM380A	USB Input Tool Direct (Digimatic to USB), 2m Cable, Digimatic/Digimatic 2, with Data Button IP Caliper Type
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
02AZF310	Connection Unit for IP Caliper, Micrometer, with Data Button for U-WAVE fit, U-WAVE fit Bluetooth

Consumable spares

No.	Description
63AAA800	Battery SR44 1,5 V



Wireless System U-WAVE fit (IP67 model only)

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.