

# Calipers

## Neck Caliper SERIES 573, 536 — ABSOLUTE Digimatic and vernier types

- Can measure wall thickness inside bores and recesses.
- Digimatic models are an IP67 Absolute type. Slider action is smooth, firm and comfortable.



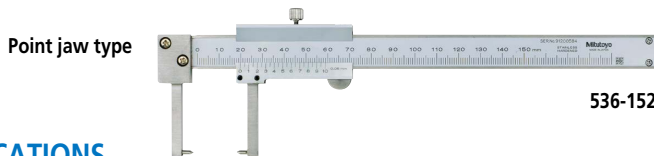
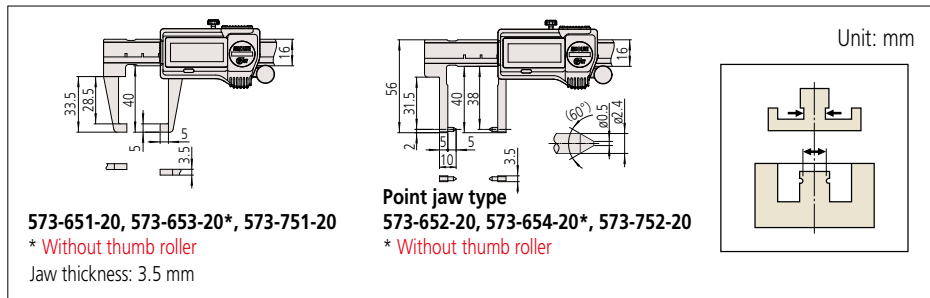
573-651-20

### SPECIFICATIONS

Metric		Digimatic model				Inch / Metric		Digimatic model			
Order No.	Range (mm)	Resolution (mm)	Maximum permissible error (mm)*3		Order No.	Range	Resolution	Maximum permissible error*3			
			EMPE	SMPE				EMPE	SMPE		
573-651-20	0 - 150	0.01	±0.03	/	573-751-20	0 - 6 in/ 0 - 150 mm	0.0005 in/ 0.01 mm	±0.0015 in/ ±0.03 mm	/		
573-652-20*1	0 - 150		±0.03								
573-653-20*2	0 - 150		±0.03								
573-654-20*1*2	0 - 150		±0.03								

- Dust/Water protection level: IP67 (IEC 60529)\*4
- Battery: SR44 (1 pc.), **938882**, for initial operational checks (standard accessory)
- Battery life: Approx. 5 years under normal use
- Scale type: ABSOLUTE electromagnetic induction linear encoder
- Max. response speed: Unlimited
- \*1 Point jaw type
- \*2 Without thumb roller
- \*3 Partial Surface Contact Error, EMPE and Shift Error, SMPE are terms (notations) used in ISO 13385-1:2019.
- \*4 Rustproofing shall be applied after use if caliper was in contact with coolant.

### DIMENSIONS



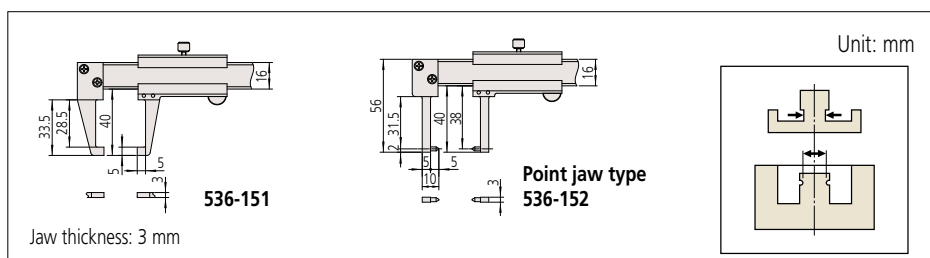
536-152

### SPECIFICATIONS

Metric		Analog model			
Order No.	Range (mm)	Graduation (mm)	Maximum permissible error (mm)*1		
			EMPE	SMPE	
536-151	0 - 150	0.05	±0.05	/	
536-152*2	0 - 150	0.05	±0.05		

- \*1 Partial Surface Contact Error, EMPE and Shift Error, SMPE are terms (notations) used in ISO 13385-1:2019.
- \*2 Point jaw type

### DIMENSIONS



## ABSOLUTE™

Applicable models: series 573



### Measurement example



### Optional Accessories (for series 573)

Order No.	Type	Description
05CZA624	A	Connecting cables for IT/DP/MUX (1 m)
05CZA625	A	Connecting cables for IT/DP/MUX (2 m)
06AFM380A	A	USB Input Tool Direct (2 m)
02AZD790A	A	Connecting cables for U-WAVE-T (160 mm)
02AZE140A	A	Connecting cables for U-WAVE-T For foot switch
264-620	IP67	U-WAVE-TC
264-621	Buzzer	U-WAVE-TC
264-624	IP67	U-WAVE-TCB Transmitter
264-625	Buzzer	U-WAVE-TCB Transmitter
02AZF310	IP67	Connecting unit for U-WAVE-TC/TCB