

Technical Data

- Resolution*1: 0.01 mm or 0.0005 in/0.01 mm
 - Graduation*2: 0.05 mm
 - Display*1: LCD
 - Scale type*1: ABSOLUTE electromagnetic induction linear encoder
 - Max. response speed*1: Unlimited
 - Battery: SR44 (1 pc.), **938882**, for initial operational checks (standard accessory)
 - Battery life*1: Approx. 5 years under normal use
 - Dust/Water protection level*1: IP67 (IEC 60529)*3
- *1 Digimatic models
*2 Analog models
*3 Rustproofing shall be applied after use if caliper was in contact with coolant.

Optional Accessories for Digimatic Models

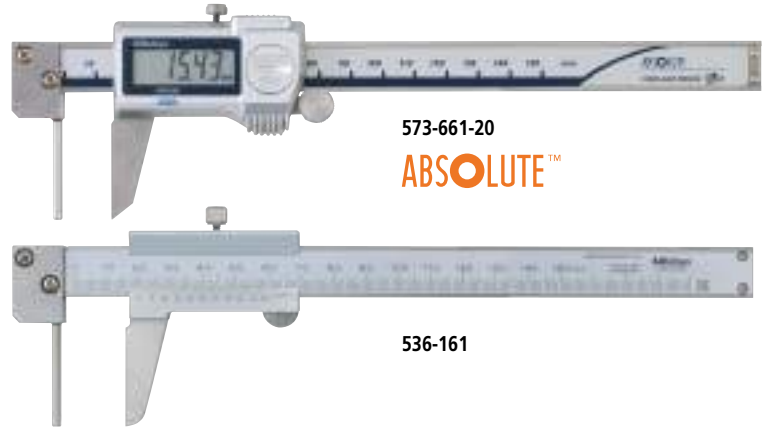
- For details, refer to page A-21.
- Connecting cables for **IT/DP/MUX**
 - 05CZA624**: SPC cable with data button (1 m)
 - 05CZA625**: SPC cable with data button (2 m)
 - USB Input Tool Direct
 - 06AFM380A**: SPC cable for **USB-ITN-A** (2 m)
 - Connecting cables for **U-WAVE-T**
 - 02AZD790A**: SPC cable with data button (160 mm)
 - 02AZE140A**: SPC cable for foot switch

Wireless Data Output **U-WAVE**

- U-WAVE-TC**: **264-620** (IP67 type)
264-621 (Buzzer type)
- U-WAVE-TCB Transmitter** (Mitutoyo **Bluetooth**[®] **U-WAVE**)
264-624 (IP67 type)
264-625 (Buzzer type)
Refer to page A-10 for details.
- Connecting unit for **U-WAVE-TC/TCB**
02AZF310 (IP67 type)
Note: IP67 model is water/dust-proofed suitable for the factory floor.
Buzzer type is not water/dust-proofed.
Refer to pages A-10 and A-12 for details.

Tube Thickness Caliper SERIES 573, 536 — ABSOLUTE Digimatic and vernier types

- The beam-mounted jaw is a round bar that facilitates measurements of tube wall thickness.
- Digimatic models are IP67 Absolute type. Slider action is smooth, firm and comfortable.
- Allows integration into statistical process control and measurement systems for models with measurement data output connector. (Refer to page A-3.)



573-661-20
ABSOLUTE[™]

536-161

SPECIFICATIONS

Metric	Digimatic model		
	Order No.	Range (mm)	Maximum permissible error (mm)*2
			<i>E</i> _{MPE}
	573-661-20	0 - 150	±0.05
	573-662-20 *1	0 - 150	±0.05

Inch / Metric	Digimatic model		
	Order No.	Range (in)	Maximum permissible error (in)*2
			<i>E</i> _{MPE}
	573-761-20	0 - 6	±0.002

Metric	Analog model		
	Order No.	Range (mm)	Maximum permissible error (mm)*2
			<i>E</i> _{MPE}
	536-161	0 - 150	±0.05

*1 Without thumb roller

*2 Partial Surface Contact Error, *E*_{MPE} and Shift Error, *S*_{MPE} are terms (notations) used in ISO 13385-1:2019.

DIMENSIONS

