

Calipers

ABSOLUTE Digimatic Offset Centerline Caliper SERIES 573

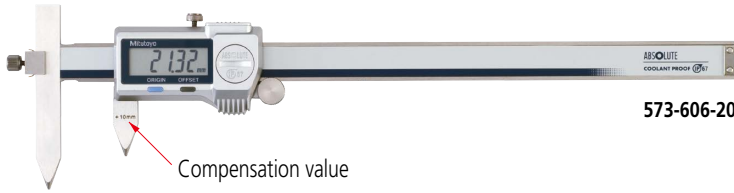
ABSOLUTE™

IP67

Dust- and Water-Protected
TÜV Rheinland CERTIFIED
www.tuv.com
ID 000064942

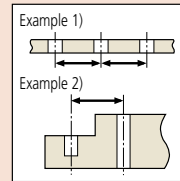
- Specially designed for center-to-center hole diameter measurements on the same and offset planes. The beam-mounted jaw can be adjusted to facilitate the measurement of stepped sections.
- Direct reading of pitch measurement is available due to the offset-value setting function (**Code No. 573-605-20, 573-606-20 and 573-608-20**).

Measurement example



SPECIFICATIONS

Metric		Digimatic model		
Code No.	Range (mm)	Resolution (mm)	Maximum permissible error (mm)*2	
			EMPE	SMPE
573-605-20	10.1 - 160	0.01	/	±0.03
573-615-20*1	10.1 - 160			
573-606-20	10.1 - 210			
573-616-20*1	10.1 - 210			±0.04
573-608-20	10.1 - 310			
573-618-20*1	10.1 - 310			



Inch / Metric		Digimatic model		
Code No.	Range	Resolution	Maximum permissible error*2	
			EMPE	SMPE
573-705-20	0.404 - 6.4 in/10.26 - 160.16 mm	0.0005 in/0.01 mm	/	±0.0015 in/±0.03 mm
573-706-20	0.404 - 8.4 in/10.26 - 210.16 mm			
573-708-20	0.404 - 12.4 in/10.26 - 310.16 mm			±0.0015 in/±0.04 mm

Optional Accessories

Code No.	Type	Description
264-020	—	USB Input Tool Series USB Keyboard Signal Conversion Type IT-020U
05CZA624	A	Connection cable for IT/DP/MUX (1 m)
05CZA625	A	Connection cable for IT/DP/MUX (2 m)
06AFM380A	A	USB Input Tool Direct (2 m)
02AZD730G	IP67	U-WAVE-T
02AZD880G	Buzzer	U-WAVE-T
02AZE200	—	U-WAVE-T mounting bracket
02AZD790A	A	Connection cable for U-WAVE-T (160 mm)
02AZE140A	A	Connection cable 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
264-625	Buzzer	U-WAVE-TCB
02AZF310	IP67	Connecting unit for U-WAVE-TC/TCB

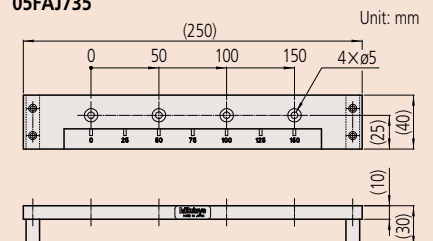
- Dust/Water protection level: IP67 (IEC 60529)*3
- Power source: SR44 battery (1 pc.), **938882** included as standard (for operational checks)
- Battery life: Approx. 5 years under normal use
- Position detection method: ABSOLUTE electromagnetic induction linear encoder
- Response speed: Unlimited
- *1 Without thumb roller
- *2 The Partial Surface Contact Error (EMPE) and Shift Error (SMPE) are terms defined by ISO 13385-1:2019.
- *3 Rustproofing shall be applied after use if caliper was in contact with coolant.

DIMENSIONS

Unit: mm

Range	H	W	t	Applicable hole
10.26 - 160.16 mm/0.404 - 6.4 in	16	75	3.5	ø1.5 - ø9.5 mm
10.26 - 210.16 mm/0.404 - 8.4 in				
10.26 - 310.16 mm/0.404 - 12.4 in	20	100	3.8	

Inspection equipment for offset caliper 05FAJ735



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