

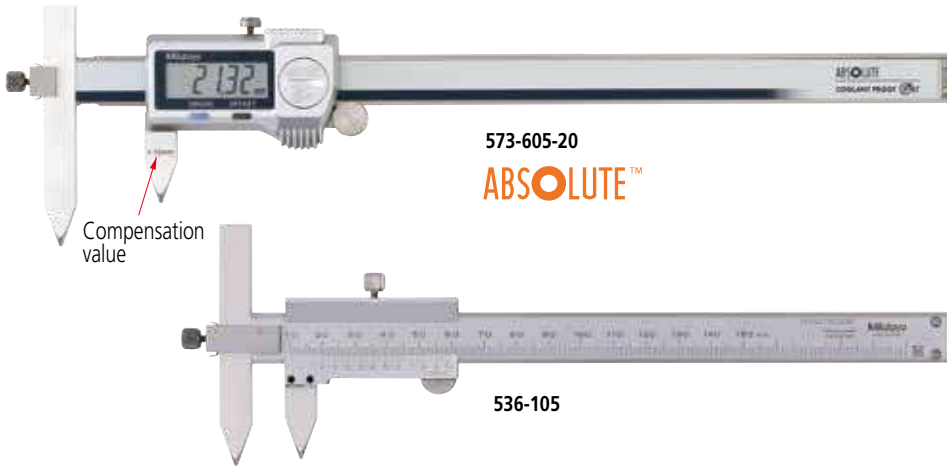
Calipers

An industry standard measuring tool

Offset Centerline Caliper SERIES 573, 536 — ABSOLUTE Digimatic and vernier types

MeasurLink[®] ENABLED
Data Management Software by Mitutoyo

- Specially designed for hole Center-to-Center measurements on the same, or offset, planes.
- Digimatic models are IP67 Absolute type. No need to reset the origin after switching on. (Refer to page D-8 for a description of Absolute measurement.)
- Direct reading of pitch measurements is available due to the offset-value setting function.
- Allows integration into statistical process control and measurement systems for models with measurement data output connector. Refer to page A-3.



SPECIFICATIONS

Metric	Digimatic model	
Order No.	Range (mm)	Accuracy (mm)
573-605-20	10.1 - 160	±0.03
573-615-20*	10.1 - 160	±0.03
573-606-20	10.1 - 210	±0.03
573-616-20*	10.1 - 210	±0.03
573-608	10.1 - 310	±0.04
573-618*	10.1 - 310	±0.04

* Without thumb roller

Metric	Analog model	
Order No.	Range (mm)	Accuracy (mm)
536-105	10.1 - 150	±0.05
536-106	10.1 - 200	±0.05
536-107	10.1 - 300	±0.08

Inch / Metric	Digimatic model	
Order No.	Range (in)	Accuracy (in)
573-705-20	0.404 - 6.4	±0.0015
573-706-20	0.404 - 8.4	±0.0015
573-708	0.404 - 12.4	±0.0015

DIMENSIONS

Analog model

Range (mm)	H	W	t	Applicable hole
10 - 150	16	75	3	ø1.5 - ø9.5 mm
10 - 200	20	100	3.8	
10 - 300	20	100	3.8	

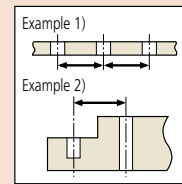
Digimatic model

Range	H	W	t	Applicable hole
10 - 160 mm / 0.4 - 6.4 in	16	75	3.5	ø1.5 - ø9.5 mm
10 - 210 mm / 0.4 - 8.4 in				
10 - 310 mm / 0.4 - 12.4 in	20	100	3.8	

Unit: mm

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Products equipped with the measurement data output function can be connected to the measurement data network system MeasurLink (refer to page A-5 for details).



Technical Data

- Accuracy: Refer to the list of specifications. (excluding quantizing error for Digimatic models)
 - 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 (Approx. 1 year: 310 mm model)
 - 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 D-38.

- **959143**: Data hold unit
- 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)
 - Connecting unit for **U-WAVE-TC: 02AZF310** (IP67 type)
- Note: IP67 model is water/dust-proofed suitable for the factory floor.
Buzzer type is not water/dust-proofed.
Refer to page A-15 for details.
Note: cannot be used with **573-708-20**

