MeasurLink ENABLED
Data Management Software by Mitutoyo

Products equipped with the measurement data output function can be connected to the measurement data network system MeasurLink® (refer to page A-25 for details).

IP67

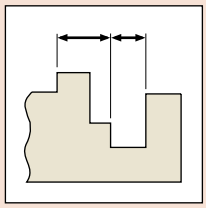
Dust- and Water-Protected

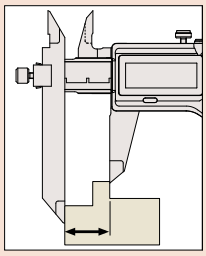
TÜVRheinland CERTIFIED
www.tuv.com ID 0000045042

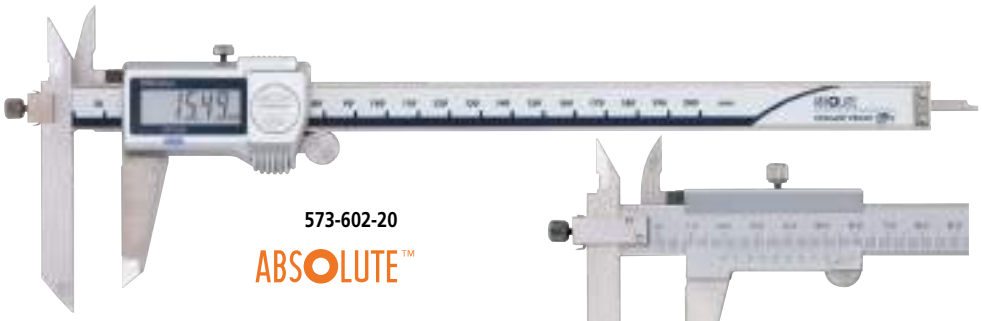
Offset Caliper
SERIES 573, 536 — ABSOLUTE Digimatic and vernier types

MeasurLink® ENABLED
Data Management Software by Mitutoyo

- The beam-mounted jaw can be adjusted to facilitate measurement of stepped sections and hard-to-get-at workpiece features.
- 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.)







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.
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 fit

- **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.
  Note: Cannot be used with **573-611-20**, **573-612-20** and **573-614**

SPECIFICATIONS

Metric Digimatic model

Order No.	Range (mm)	Maximum permissible error (mm)*2	
		E_{MPE}	S_{MPE}
573-601-20	0 - 150	±0.02	±0.04
573-611-20*1	0 - 150	±0.02	±0.04
573-602-20	0 - 200	±0.02	±0.04
573-612-20*1	0 - 200	±0.02	±0.04
573-604-20	0 - 300	±0.03	±0.05
573-614-20*1	0 - 300	±0.03	±0.05

Inch/Metric Digimatic model

Order No.	Range (in)	Maximum permissible error (in)*2	
		E_{MPE}	S_{MPE}
573-701-20	0 - 6	±0.001	±0.002
573-702-20	0 - 8	±0.001	±0.002
573-704-20	0 - 12	±0.0015	±0.0025

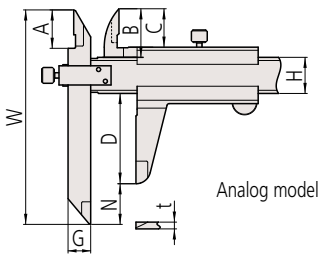
Metric Analog model

Order No.	Range (mm)	Maximum permissible error (mm)*2	
		E_{MPE}	S_{MPE}
536-101	0 - 150	±0.05	±0.07
536-102	0 - 200	±0.05	±0.07
536-103	0 - 300	±0.08	±0.10

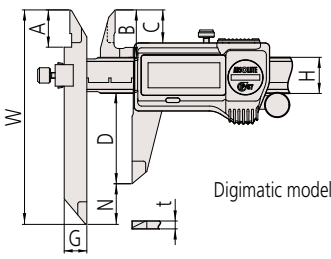
*1 Without thumb roller
*2 Partial Surface Contact Error, E_{MPE} and Shift Error, S_{MPE} are terms (notations) used in ISO 13385-1:2019.

DIMENSIONS

Unit: mm



Analog model



Digimatic model

Order No.	Model	Range (mm)	A	B	C	D	G	H	N	W	t
573-601-20	Digimatic model	0 - 150	16.5	21	14.6	40	10	16	(18)	95	3.5
573-602-20		0 - 200	20	24.5	18.1	50			(4)		
573-604-20		0 - 300	22	27.5	19.8	64	15	20	(23.5)	135	3.8
536-101	Analog model	0 - 150	17	21.5	17	40	10	16	(18)	95	3
536-102		0 - 200	20.5	25	20.5	50			(4)		
536-103		0 - 300	22	27.5	22	64	15	20	(23.5)	135	3.8

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