

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
- 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-27.

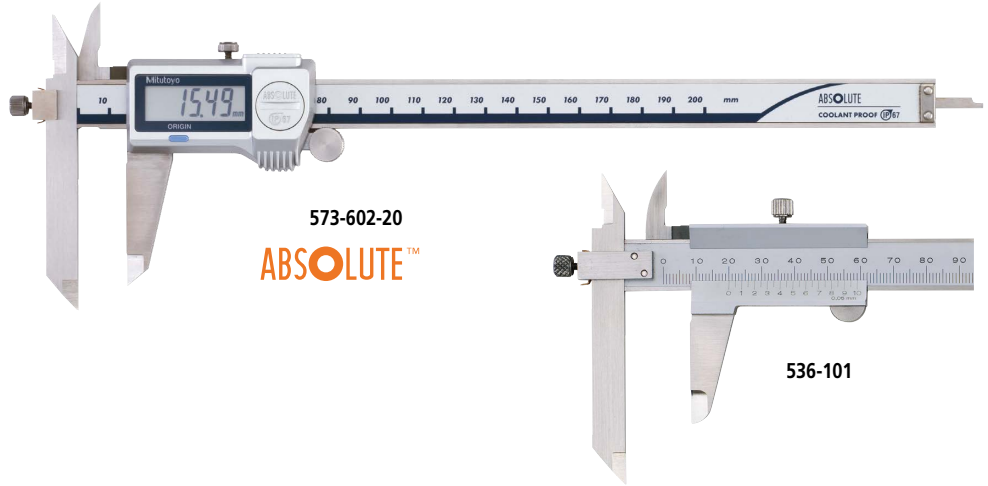
- **959143**: Data hold unit
- Connecting cables for **IT / DP / MUX**
 - 05CZA624**: SPC cable with data button (1 m)
 - 05CZA625**: SPC cable with data button (2 m)
- USB Input Tool Direct
- **06AFM380A**: SPC cable for **USB-ITN-A** (2 m)
- Connecting cables for **U-WAVE-T**
 - 02AZD790A**: SPC cable 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 (IP type)
264-625 (Buzzer type)
Refer to page A-15 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-16 and A-18 for details.
Note: Cannot be used with **573-611-20**, **573-612-20** and **573-614**

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

- 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.)



SPECIFICATIONS

| Metric | Digimatic model | |
|--------------------|-----------------|---------------|
| Order No. | Range (mm) | Accuracy (mm) |
| 573-601-20 | 0 - 150 | ±0.02 |
| 573-611-20* | 0 - 150 | ±0.02 |
| 573-602-20 | 0 - 200 | ±0.02 |
| 573-612-20* | 0 - 200 | ±0.02 |
| 573-604-20 | 0 - 300 | ±0.03 |
| 573-614-20* | 0 - 300 | ±0.03 |

* Without thumb roller

| Metric | Analog model | |
|----------------|--------------|---------------|
| Order No. | Range (mm) | Accuracy (mm) |
| 536-101 | 0 - 150 | ±0.05 |
| 536-102 | 0 - 200 | ±0.05 |
| 536-103 | 0 - 300 | ±0.08 |

| Inch / Metric | Digimatic model | |
|-------------------|-----------------|---------------|
| Order No. | Range (in) | Accuracy (in) |
| 573-701-20 | 0 - 6 | ±0.001 |
| 573-702-20 | 0 - 8 | ±0.001 |
| 573-704-20 | 0 - 12 | ±0.0015 |

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 | | | (23.5) | | |
| 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 | | | (23.5) | | |