

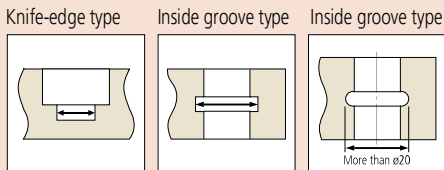


Technical Data

Accuracy: Refer to the list of specifications.
(excluding quantizing error for digital models)
Resolution*: 0.01mm or .00005"/0.01mm
Graduation**: 0.05mm
Display*: LCD
Scale type*: ABSOLUTE electromagnetic induction linear encoder
Max. response speed*: Unlimited
Battery: **SR44** (1 pc), **938882**,
for initial operational checks (standard accessory)
Battery life*: Approx. 3 years under normal use
Dust/Water protection level*: IP67 (IEC 60529)***
* Digital models ** Analog models
*** This model is not waterproof type.
Therefore, rustproofing shall be applied after use.

Optional accessories

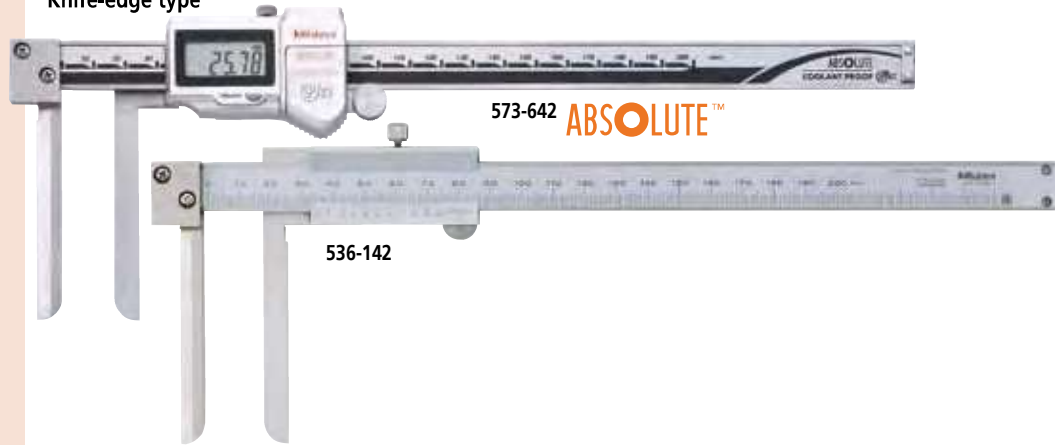
For details, refer to page D-39.
Connecting cables for IT/DP/MUX
05CZA624: SPC cable with data button (1m)
05CZA625: SPC cable with data button (2m)
USB Input Tool Direct
06ADV380A: SPC cable for **USB-ITN-A** (2m)
Connecting cables for **U-WAVE-T**
02AZD790A: SPC cable for **U-WAVE** with data button
(160mm)
02AZE140A: SPC cable for footswitch



**ABSOLUTE Inside Caliper
SERIES 573, 536 — Knife-edge/Inside Groove/Point Jaw Type**

- Specially designed for inside measurements in hard-to-reach places.
- Digital 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.)
- Allows integration into statistical process control and measurement systems for models with measurement data output connector. Refer to page A-3.

Knife-edge type



Inside groove type



Point jaw type



SPECIFICATIONS

Metric	Digital model	Order No.	Range	Accuracy	Remarks
		573-642	10 - 200mm	±0.05mm	Knife-edge type, Measurable min. hole diameter: ø10mm
		573-643*	10 - 200mm	±0.05mm	Knife-edge type, Measurable min. hole diameter: ø10mm
		573-645**	10.1 - 160mm	±0.05mm	Inside groove type, Measurable min. hole diameter: ø10.1mm
		573-647*	10.1 - 160mm	±0.05mm	Inside groove type, Measurable min. hole diameter: ø10.1mm
		573-646**	20.1 - 170mm	±0.03mm	Point jaw type, Measurable min. hole diameter: ø20.1mm
		573-648*	20.1 - 170mm	±0.03mm	Point jaw type, Measurable min. hole diameter: ø20.1mm

* without thumb roller
** Incorporated with the offsetting function, which indicates the actual measurement value.

Inch/Metric	Digital model	Order No.	Range	Accuracy	Remarks
		573-742	.4 - 6"	±.002"	Knife-edge type, Measurable min. hole diameter: ø.4"
		573-745**	.404 - 6"	±.002"	Inside groove type, Measurable min. hole diameter: ø.404"
		573-746**	.804 - 6"	±.0015"	Point jaw type, Measurable min. hole diameter: ø.804"

** Incorporated with the offsetting function, which indicates the actual measurement value.

Metric	Order No.	Range	Accuracy	Remarks
	536-142	10 - 200mm	±0.12mm	Knife-edge type, Measurable min. hole diameter: ø10.1mm
	536-145	10.1 - 150mm	±0.05mm	Inside groove type, Measurable min. hole diameter: ø10.1mm
	536-146	20.1 - 150mm	±0.05mm	Point jaw type, Measurable min. hole diameter: ø20.1mm
	536-147	30.1 - 300mm	±0.08mm	Point jaw type, Measurable min. hole diameter: ø30.1mm
	536-148	70.1 - 450mm	±0.10mm	Point jaw type, Measurable min. hole diameter: ø70.1mm
	536-149	70.1 - 600mm	±0.12mm	Point jaw type, Measurable min. hole diameter: ø70.1mm

