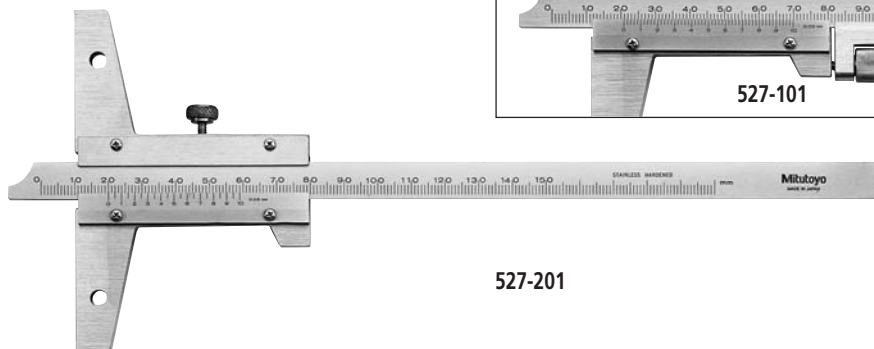


Vernier Depth Gages

SERIES 527



With fine adjustment

527-201

FEATURES

- Made of hardened stainless steel.
- Base and measuring faces are hardened and micro-lapped.
- Wider extension bases are available. (See page 71.)

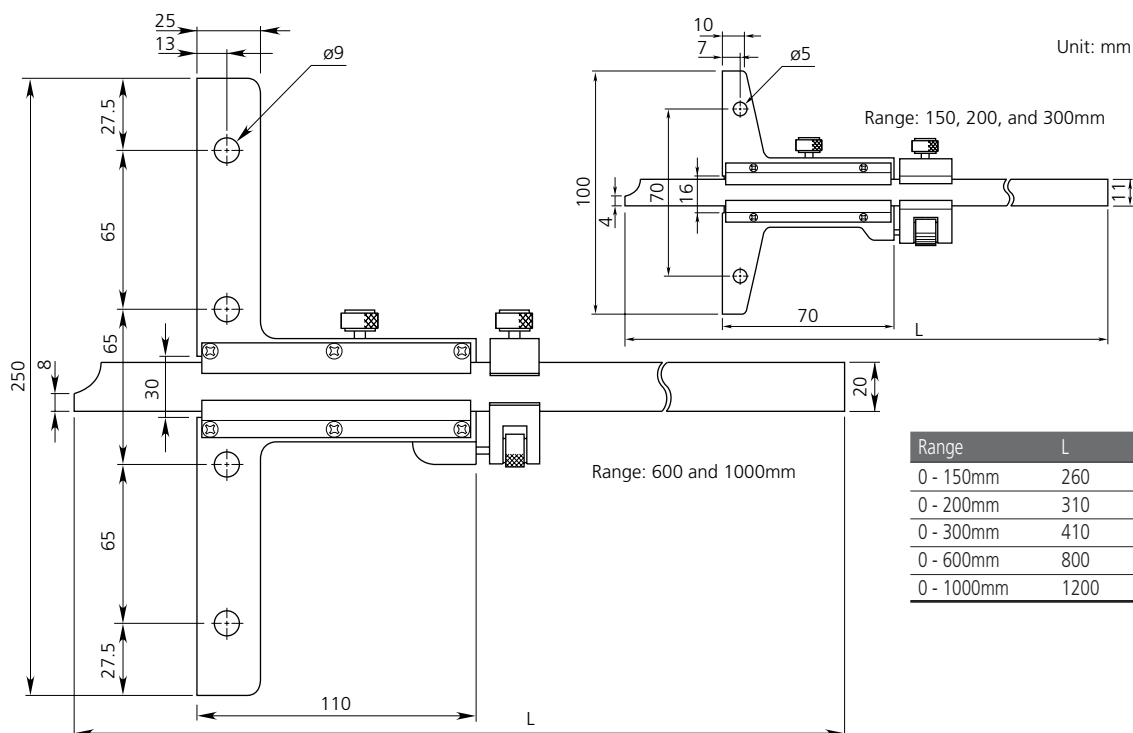
SPECIFICATIONS

Metric			
Range	Order No.	Vernier reading	Accuracy
0 - 150mm	527-201	0.05mm	±0.05mm
	527-121	0.02mm	±0.03mm
0 - 200mm	527-202	0.05mm	±0.05mm
	527-122	0.02mm	±0.03mm
0 - 300mm	527-203	0.05mm	±0.08mm
	527-123	0.02mm	±0.04mm
0 - 600mm	527-204	0.05mm	±0.10mm
0 - 1000mm	527-205	0.05mm	±0.15mm

Metric With fine adjustment			
Range	Order No.	Vernier reading	Accuracy
0 - 150mm	527-101	0.02mm	±0.03mm
0 - 200mm	527-102	0.02mm	±0.03mm
0 - 300mm	527-103	0.02mm	±0.04mm
0 - 600mm	527-104	0.02mm	±0.05mm
0 - 1000mm	527-105	0.02mm	±0.07mm

Inch With fine adjustment			
Range	Order No.	Vernier reading	Accuracy
0 - 6"	527-111	.001"	±.001"
0 - 8"	527-112	.001"	±.001"
0 - 12"	527-113	.001"	±.0015"
0 - 24"	527-114	.001"	±.002"
0 - 40"	527-115	.001"	±.003"

Dimensions



ABSOLUTE Digimatic Depth Gauge SERIES 571

- Coolant proof models achieve IP67 protection level.
- Enables stable depth measurement with a resolution of 0.01mm.
- ABSOLUTE Digital Caliper (Refer to page D-8 for ABSOLUTE function.)
- Sliding operation of models with the measuring ranges 150mm (6"), 200mm (8") and 300mm (12") is smooth and comfortable.
- Battery: **SR44** (1 pc), **938882**. For initial operational checks (standard accessory)
- Optional longer extension bases are available. (Except for models with measuring ranges of 600, 750, 1000mm)

Optional accessories for IP67 coolant proof models

For details, refer to page D-39.

Connecting cables

05CZA624: SPC cable with data button (1m)

05CZA625: SPC cable with data button (2m)

USB Input Tool Direct

06ADCV380A: SPC cable for USB-ITN-B (2m)

Connecting cables for **U-WAVE-T**

02AZD790A: SPC cable for U-WAVE with data button (160mm)

02AZE140A: SPC cable for footswitch

Optional accessories for other than IP67 coolant proof models

For details, refer to page D-39.

959143: Data hold unit

Connecting cables for **IT/DP/MUX**

959149: SPC cable with data button (1m)

959150: SPC cable with data button (2m)

USB Input Tool Direct

06ADV380C: SPC cable for USB-ITN-C (2m)

Connecting cables for **U-WAVE-T**

02AZD790C: SPC cable for U-WAVE with data button (160mm)

02AZE140C: SPC cable for footswitch



SPECIFICATIONS

Metric						
Order No.	Range	Resolution	Accuracy*	Repeatability	Base (W x T)	Battery life
571-201-30	0 - 150mm	0.01mm	±0.02mm	0.01mm	100 x 6mm	5years
571-202-30	0 - 200mm		±0.03mm			3.5years
571-203-20	0 - 300mm		±0.02mm			3years
571-251-10**	0 - 150mm	0.01mm	±0.02mm	0.01mm	100 x 6.3mm	1years
571-252-10**	0 - 200mm		±0.03mm			3years
571-253-10**	0 - 300mm		±0.05mm			3years
571-204-10	0 - 450mm	0.01mm	±0.05mm	0.01mm	250 x 10mm	3years
571-205-10	0 - 600mm		±0.06mm			3years
571-206-10	0 - 750mm		±0.07mm			3years
571-207-10	0 - 1000mm		±0.07mm			3years

* Excluding quantizing error
** IP67 Coolant Proof model

Inch/Metric					
Order No.	Range	Accuracy*	Repeatability	Base (W x T)	Battery life
571-211-30	0 - 6"	±.001"/±0.02mm	0.005"/ 0.01mm	3.93" x .23"	5years
571-212-30	0 - 8"	±.001"/±0.02mm			3.5years
571-213-10	0 - 12"	±.0015"/±0.03mm			3years
571-261-10**	0 - 6"	±.001"/±0.02mm	0.005"/ 0.01mm	9.8" x .39"	1years
571-262-10**	0 - 8"	±.001"/±0.02mm			3years
571-263-10**	0 - 12"	±.0015"/±0.03mm			3years
571-214-10	0 - 18"	±.002"/±0.05mm	0.005"/ 0.01mm	9.8" x .39"	3years
571-215-10	0 - 24"	±.002"/±0.05mm			3years
571-216-10	0 - 30"	±.0025"/±0.06mm			3years
571-217-10	0 - 40"	±.0025"/±0.07mm			3years

* Excluding quantizing error
** IP67 Coolant Proof model

DIMENSIONS

Unit: mm

Range	L	Base thickness
0 - 150mm	237	6
0 - 200mm	287	6
0 - 300mm	403 (404)	6 (6.3)
0 - 450mm	635	10
0 - 600mm	785	10
0 - 750mm	935	10
0 - 1000mm	1200	10

(): Coolant Proof models