

# ABSOLUTE Digimatic Scale Units

## SD ABSOLUTE Digimatic Scale Units SERIES 572



Horizontal single-function type (Water-proof type)  
**572-602 SD-20G**



Horizontal single-function type  
**572-202-30 SD-20AX**  
**572-203-10 SD-30D**



Horizontal multi-function type  
**572-461 SD-15E**



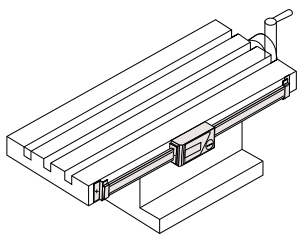
Vertical single-function type  
**572-303-10 SDV-30D**



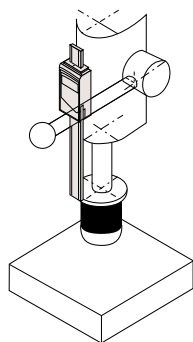
Vertical multi-function type  
**572-561 SDV-15E**

## Typical applications

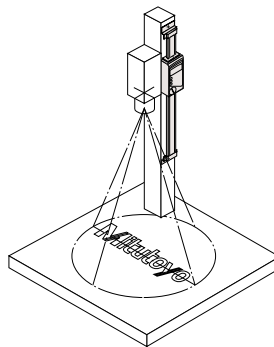
Machine table position



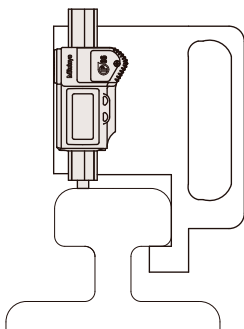
Drilling machine stroke position



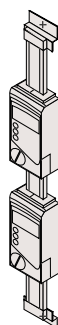
Focus setting on optical instruments



Special applications



As a measurement jig for outdoor use (SD-G)



Detector head mechanism

Please contact Mitutoyo for special applications.



ABSOLUTE™

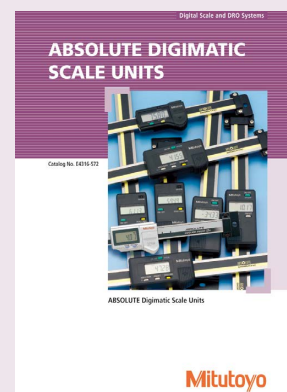
Applicable models: SD-G

- SD Series facilitates mounting on jigs, tools, and small machine tools to enable accurate positioning.
- Built-in absolute scale including the ABS point does not require a zero-set every time the power is turned on. In addition, reliability has improved thanks to elimination of overspeed errors.
- Horizontal or vertical display according to the scale mounting direction.
- The dust resistance and the environmental resistance of the display has improved. The **SD-G** Series offers dust/water protection level IP66.
- Long battery life.
- **EC** counters are available as external display units.
- Equipped with an output port to transfer measurement data, allowing implementation in control systems and gaging systems.

## Functions

- ABS (Absolute) measurement function
- INC (Incremental) measurement function
- Zero-setting function
- Presetting function (2 preset values can be set. Not available for **SD-G**, **SD-AX**, **SD-D**, **SDV-D**)
- Double reading function (Available only for **SD-F** or **SDV-F**)
- Direction switch function (Available only for **SD-E**, **SDV-E**)
- Hold function\*
- Measurement value composition error alarm
- Low battery alarm
- Output function

\* To activate the hold function when using **SD-AX**, **SD-D** or **SDV-D** models, an optional hold unit is required. Simultaneous activation with the output function is not available.  
Note: These units use 1.5 V silver oxide cells for the power supply. Therefore, when the units are directly fixed to the frame of a machine tool that requires a high voltage, malfunctions such as display digit fluctuations and errors may occur. Countermeasure examples are described in the user manuals provided.



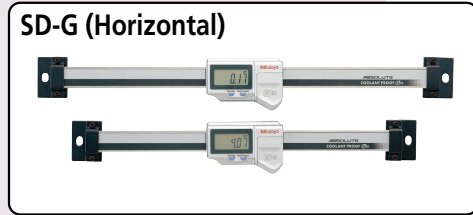
Refer to the ABSOLUTE DIGIMATIC SCALE UNITS Brochure (**E4316**) for more details.

## System Diagram

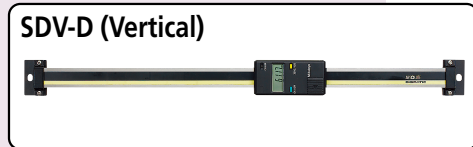
[Scale units]

[Display units]

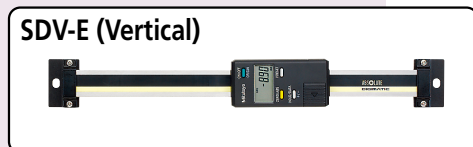
Single-function type with high dust/water resistance



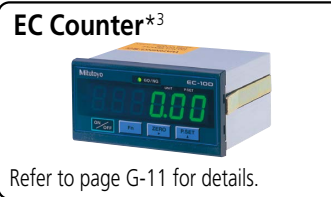
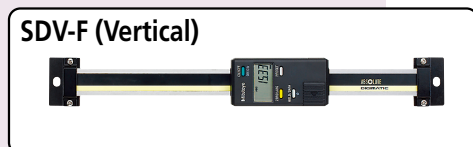
Single-function type



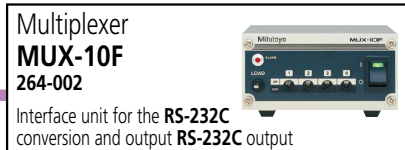
Multi-function type



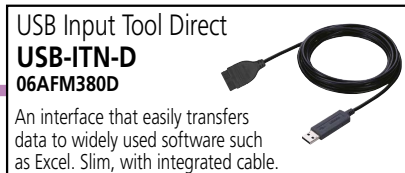
Multi-function type



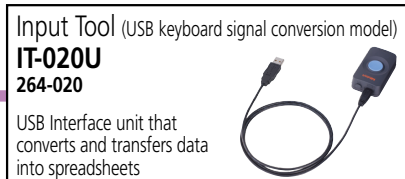
Tolerance judgment output<sup>\*1</sup>



RS-232C output

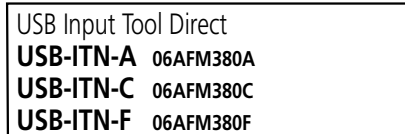


USB keyboard signal conversion

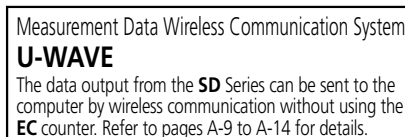


USB keyboard signal conversion

Note 2: May also be connected to an RS-232C conversion type (**IT-007R**) input tool.



USB keyboard signal conversion

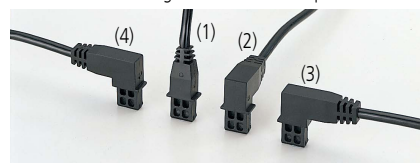


USB keyboard signal conversion

Connecting cable with the water-proof type output switch<sup>\*2</sup> 1 m: **05CZA624**  
2 m: **05CZA625**

Connecting cable with the output switch 1 m: **959149**  
2 m: **959150**

Connecting cable with the output switch



(1) 1 m: **905338** (3) 1 m: **905691**  
2 m: **905409** 2 m: **905692**  
(2) 1 m: **905689** (4) 1 m: **905693**  
2 m: **905690** 2 m: **905694**

Connecting cable 1 m: **936937**  
2 m: **965014**

<sup>\*1</sup> Select the tolerance judgment output or Digimatic output when setting the parameters.

<sup>\*2</sup> Connecting cable with the water-proof type output switch can be used only for **SD-G** or Water-proof Digital Caliper equipped with the external output function.

<sup>\*3</sup> Connecting of **SD** Series and **DP-1VA LOGGER/MUX-10F/IT-020U** is also available without passing through the **EC** counter. In this case, connect these units and **SD** Series with the cables used for connection with the **EC** counter.

# ABSOLUTE Digimatic Scale Units

## ABSOLUTE Digimatic Scale Units SERIES 572 SPECIFICATIONS

| Type                                                                    | Unit spec.                                                                | Order No.                      | Model        | Range            | Resolution        | Accuracy         | Repeatability                                          | Response speed*2     | Battery life         |         |                                              |           |  |                      |                     |                     |
|-------------------------------------------------------------------------|---------------------------------------------------------------------------|--------------------------------|--------------|------------------|-------------------|------------------|--------------------------------------------------------|----------------------|----------------------|---------|----------------------------------------------|-----------|--|----------------------|---------------------|---------------------|
| Horizontal single-function type<br>(Water-proof type)                   | Metric                                                                    | 572-600                        | SD-10G       | 100 mm           | 0.01 mm           | 0.03 mm          | 0.01 mm                                                |                      | Approx. 13,000 hours |         |                                              |           |  |                      |                     |                     |
|                                                                         |                                                                           | 572-601                        | SD-15G       | 150 mm           |                   |                  |                                                        |                      |                      |         |                                              |           |  |                      |                     |                     |
|                                                                         |                                                                           | 572-602                        | SD-20G       | 200 mm           |                   |                  |                                                        |                      |                      |         |                                              |           |  |                      |                     |                     |
|                                                                         | Metric/Inch                                                               | 572-613                        | SD-4" /10G   | 100 mm/4 in      | 0.0005 in/0.01 mm | 0.03 mm/0.001 in | 0.01 mm/0.0005 in                                      |                      |                      |         |                                              |           |  |                      |                     |                     |
|                                                                         |                                                                           | 572-614                        | SD-6" /15G   | 150 mm/6 in      |                   |                  |                                                        |                      |                      |         |                                              |           |  |                      |                     |                     |
| Horizontal single-function type                                         | Metric                                                                    | 572-615                        | SD-8" /20G   | 200 mm/8 in      | 0.01 mm           | 0.03 mm          | 0.01 mm                                                |                      | Approx. 18,000 hours |         |                                              |           |  |                      |                     |                     |
|                                                                         |                                                                           | 572-200-30                     | SD-10AX      | 100 mm           |                   |                  |                                                        |                      |                      |         |                                              |           |  |                      |                     |                     |
|                                                                         |                                                                           | 572-201-30                     | SD-15AX      | 150 mm           |                   | 0.04 mm          |                                                        |                      |                      |         |                                              |           |  |                      |                     |                     |
|                                                                         |                                                                           | 572-202-30                     | SD-20AX      | 200 mm           |                   |                  |                                                        |                      |                      |         |                                              |           |  |                      |                     |                     |
|                                                                         | Metric/Inch                                                               | 572-203-10                     | SD-30D       | 300 mm           | 0.0005 in/0.01 mm | 0.03 mm/0.001 in | 0.01 mm/0.0005 in                                      | Approx. 20,000 hours |                      |         |                                              |           |  |                      |                     |                     |
|                                                                         |                                                                           | 572-210-30                     | SD-4" AX     | 100 mm/4 in      |                   |                  |                                                        |                      |                      |         |                                              |           |  |                      |                     |                     |
|                                                                         |                                                                           | 572-211-30                     | SD-6" AX     | 150 mm/6 in      |                   |                  |                                                        |                      |                      |         |                                              |           |  |                      |                     |                     |
|                                                                         |                                                                           | 572-212-30                     | SD-8" AX     | 200 mm/8 in      |                   | 0.04 mm/0.002 in |                                                        |                      |                      |         |                                              |           |  |                      |                     |                     |
|                                                                         |                                                                           | 572-213-10                     | SD-12" D     | 300 mm/12 in     |                   |                  |                                                        |                      |                      |         |                                              |           |  |                      |                     |                     |
|                                                                         |                                                                           | Horizontal multi-function type | Metric       | 572-460          |                   |                  | SD-10E                                                 |                      | 100 mm               | 0.01 mm | 0.03 mm                                      | 0.01 mm   |  | Approx. 5,000 hours  |                     |                     |
| 572-461                                                                 | SD-15E                                                                    |                                |              | 150 mm           |                   |                  |                                                        |                      |                      |         |                                              |           |  |                      |                     |                     |
| 572-462                                                                 | SD-20E                                                                    |                                |              | 200 mm           |                   |                  |                                                        |                      |                      |         |                                              |           |  |                      |                     |                     |
| 572-463                                                                 | SD-30E                                                                    |                                |              | 300 mm           |                   |                  |                                                        |                      |                      |         |                                              |           |  |                      |                     |                     |
| 572-464                                                                 | SD-45E                                                                    |                                |              | 450 mm           | 0.04 mm           |                  |                                                        |                      |                      |         |                                              |           |  |                      |                     |                     |
| 572-465                                                                 | SD-60E                                                                    |                                |              | 600 mm           |                   |                  |                                                        |                      |                      |         |                                              |           |  |                      |                     |                     |
| 572-466                                                                 | SD-80E                                                                    |                                |              | 800 mm           |                   |                  |                                                        |                      |                      |         |                                              |           |  |                      |                     |                     |
| 572-467                                                                 | SD-100E                                                                   |                                |              | 1000 mm          |                   |                  |                                                        |                      |                      |         |                                              |           |  |                      |                     |                     |
| Metric/Inch                                                             | 572-470                                                                   |                                | SD-4" E      | 100 mm/4 in      | 0.0005 in/0.01 mm | 0.03 mm/0.001 in | 0.01 mm/0.0005 in                                      |                      |                      |         |                                              |           |  |                      |                     |                     |
|                                                                         | 572-471                                                                   |                                | SD-6" E      | 150 mm/6 in      |                   |                  |                                                        |                      |                      |         |                                              |           |  |                      |                     |                     |
|                                                                         | 572-472                                                                   |                                | SD-8" E      | 200 mm/8 in      |                   |                  |                                                        |                      |                      |         |                                              |           |  |                      |                     |                     |
|                                                                         | 572-473                                                                   |                                | SD-12" E     | 300 mm/12 in     |                   |                  |                                                        |                      |                      |         |                                              |           |  |                      |                     |                     |
|                                                                         | 572-474                                                                   |                                | SD-18" E     | 450 mm/18 in     |                   | 0.04 mm/0.002 in |                                                        |                      |                      |         |                                              |           |  |                      |                     |                     |
|                                                                         | 572-475                                                                   |                                | SD-24" E     | 600 mm/24 in     |                   |                  |                                                        |                      |                      |         |                                              |           |  |                      |                     |                     |
|                                                                         | 572-476                                                                   |                                | SD-32" E     | 800 mm/32 in     |                   |                  |                                                        |                      |                      |         |                                              |           |  |                      |                     |                     |
|                                                                         | 572-477                                                                   |                                | SD-40" E     | 1000 mm/40 in    |                   |                  |                                                        |                      |                      |         |                                              |           |  |                      |                     |                     |
|                                                                         | Horizontal multi-function type<br>(equipped with double reading function) |                                | Metric       | 572-480-10*1     |                   | SD-10F           |                                                        | 100 mm               | 0.01 mm              | 0.03 mm | 0.01 mm<br>(Radius indication, not diameter) | Unlimited |  |                      | Approx. 5,000 hours |                     |
|                                                                         |                                                                           |                                |              | 572-481-10*1     |                   | SD-15F           |                                                        | 150 mm               |                      |         |                                              |           |  |                      |                     |                     |
|                                                                         |                                                                           |                                |              | 572-482-10*1     |                   | SD-20F           |                                                        | 200 mm               |                      |         |                                              |           |  |                      |                     |                     |
|                                                                         |                                                                           |                                |              | 572-483-10*1     |                   | SD-30F           |                                                        | 300 mm               |                      |         |                                              |           |  |                      |                     |                     |
| 572-484-10*1                                                            |                                                                           | SD-45F                         |              | 450 mm           | 0.04 mm           |                  |                                                        |                      |                      |         |                                              |           |  |                      |                     |                     |
| 572-485-10*1                                                            |                                                                           | SD-60F                         |              | 600 mm           |                   |                  |                                                        |                      |                      |         |                                              |           |  |                      |                     |                     |
| 572-486-10*1                                                            |                                                                           | SD-80F                         |              | 800 mm           |                   |                  |                                                        |                      |                      |         |                                              |           |  |                      |                     |                     |
| 572-487-10*1                                                            |                                                                           | SD-100F                        |              | 1000 mm          |                   |                  |                                                        |                      |                      |         |                                              |           |  |                      |                     |                     |
| Metric/Inch                                                             |                                                                           | 572-490-10*1                   | SD-4" F      | 100 mm/4 in      | 0.0005 in/0.01 mm | 0.03 mm/0.001 in | 0.01 mm/0.0005 in<br>(Radius indication, not diameter) |                      |                      |         |                                              |           |  |                      |                     |                     |
|                                                                         |                                                                           | 572-491-10*1                   | SD-6" F      | 150 mm/6 in      |                   |                  |                                                        |                      |                      |         |                                              |           |  |                      |                     |                     |
|                                                                         |                                                                           | 572-492-10*1                   | SD-8" F      | 200 mm/8 in      |                   |                  |                                                        |                      |                      |         |                                              |           |  |                      |                     |                     |
|                                                                         |                                                                           | 572-493-10*1                   | SD-12" F     | 300 mm/12 in     |                   |                  |                                                        |                      |                      |         |                                              |           |  |                      |                     |                     |
|                                                                         |                                                                           | 572-494-10*1                   | SD-18" F     | 450 mm/18 in     |                   | 0.04 mm/0.002 in |                                                        |                      |                      |         |                                              |           |  |                      |                     |                     |
|                                                                         |                                                                           | 572-495-10*1                   | SD-24" F     | 600 mm/24 in     |                   |                  |                                                        |                      |                      |         |                                              |           |  |                      |                     |                     |
|                                                                         |                                                                           | 572-496-10*1                   | SD-32" F     | 800 mm/32 in     |                   |                  |                                                        |                      |                      |         |                                              |           |  |                      |                     |                     |
|                                                                         |                                                                           | 572-497-10*1                   | SD-40" F     | 1000 mm/40 in    |                   |                  |                                                        |                      |                      |         |                                              |           |  |                      |                     |                     |
|                                                                         |                                                                           | Vertical single-function type  | Metric       | 572-300-10       |                   | SDV-10D          |                                                        | 100 mm               | 0.01 mm              | 0.03 mm | 0.01 mm                                      |           |  | Approx. 20,000 hours |                     |                     |
|                                                                         |                                                                           |                                |              | 572-301-10       |                   | SDV-15D          |                                                        | 150 mm               |                      |         |                                              |           |  |                      |                     |                     |
|                                                                         |                                                                           |                                |              | 572-302-10       |                   | SDV-20D          |                                                        | 200 mm               |                      |         |                                              |           |  |                      |                     |                     |
|                                                                         |                                                                           |                                |              | 572-303-10       |                   | SDV-30D          |                                                        | 300 mm               |                      |         |                                              |           |  |                      |                     |                     |
| Metric/Inch                                                             | 572-310-10                                                                |                                | SD-4" D      | 100 mm/4 in      | 0.0005 in/0.01 mm | 0.03 mm/0.001 in | 0.01 mm/0.0005 in                                      |                      |                      |         |                                              |           |  |                      |                     |                     |
|                                                                         | 572-311-10                                                                |                                | SD-6" D      | 150 mm/6 in      |                   |                  |                                                        |                      |                      |         |                                              |           |  |                      |                     |                     |
|                                                                         | 572-312-10                                                                |                                | SD-8" D      | 200 mm/8 in      |                   |                  |                                                        |                      |                      |         |                                              |           |  |                      |                     |                     |
|                                                                         | 572-313-10                                                                |                                | SD-12" D     | 300 mm/12 in     |                   | 0.04 mm/0.002 in |                                                        |                      |                      |         |                                              |           |  |                      |                     |                     |
|                                                                         | Vertical multi-function type                                              |                                | Metric       | 572-560          |                   |                  |                                                        | SDV-10E              | 100 mm               | 0.01 mm | 0.03 mm                                      | 0.01 mm   |  |                      |                     | Approx. 5,000 hours |
|                                                                         |                                                                           |                                |              | 572-561          |                   |                  |                                                        | SDV-15E              | 150 mm               |         |                                              |           |  |                      |                     |                     |
| 572-562                                                                 |                                                                           | SDV-20E                        |              | 200 mm           |                   |                  |                                                        |                      |                      |         |                                              |           |  |                      |                     |                     |
| 572-563                                                                 |                                                                           | SDV-30E                        |              | 300 mm           |                   |                  |                                                        |                      |                      |         |                                              |           |  |                      |                     |                     |
| 572-564                                                                 |                                                                           | SDV-45E                        |              | 450 mm           | 0.04 mm           |                  |                                                        |                      |                      |         |                                              |           |  |                      |                     |                     |
| 572-565                                                                 |                                                                           | SDV-60E                        |              | 600 mm           |                   |                  |                                                        |                      |                      |         |                                              |           |  |                      |                     |                     |
| 572-566                                                                 |                                                                           | SDV-80E                        |              | 800 mm           |                   |                  |                                                        |                      |                      |         |                                              |           |  |                      |                     |                     |
| 572-567                                                                 |                                                                           | SDV-100E                       |              | 1000 mm          |                   |                  |                                                        |                      |                      |         |                                              |           |  |                      |                     |                     |
| Metric/Inch                                                             |                                                                           | 572-570                        | SDV-4" E     | 100 mm/4 in      | 0.0005 in/0.01 mm | 0.03 mm/0.001 in | 0.01 mm/0.0005 in                                      |                      |                      |         |                                              |           |  |                      |                     |                     |
|                                                                         |                                                                           | 572-571                        | SDV-6" E     | 150 mm/6 in      |                   |                  |                                                        |                      |                      |         |                                              |           |  |                      |                     |                     |
|                                                                         | 572-572                                                                   | SDV-8" E                       | 200 mm/8 in  |                  |                   |                  |                                                        |                      |                      |         |                                              |           |  |                      |                     |                     |
|                                                                         | 572-573                                                                   | SDV-12" E                      | 300 mm/12 in | 0.04 mm/0.002 in |                   |                  |                                                        |                      |                      |         |                                              |           |  |                      |                     |                     |
|                                                                         | 572-574                                                                   | SDV-18" E                      | 450 mm/18 in |                  |                   |                  |                                                        |                      |                      |         |                                              |           |  |                      |                     |                     |
|                                                                         | 572-575                                                                   | SDV-24" E                      | 600 mm/24 in |                  |                   |                  |                                                        |                      |                      |         |                                              |           |  |                      |                     |                     |
| 572-576                                                                 | SDV-32" E                                                                 | 800 mm/32 in                   |              |                  |                   |                  |                                                        |                      |                      |         |                                              |           |  |                      |                     |                     |
| Vertical multi-function type<br>(equipped with double reading function) | Metric                                                                    | 572-577                        | SDV-40" E    | 1000 mm/40 in    | 0.01 mm           | 0.03 mm          | 0.01 mm<br>(Radius indication, not diameter)           |                      | Approx. 5,000 hours  |         |                                              |           |  |                      |                     |                     |
|                                                                         |                                                                           | 572-580-10*1                   | SDV-10F      | 100 mm           |                   |                  |                                                        |                      |                      |         |                                              |           |  |                      |                     |                     |
|                                                                         |                                                                           | 572-581-10*1                   | SDV-15F      | 150 mm           |                   |                  |                                                        |                      |                      |         |                                              |           |  |                      |                     |                     |
|                                                                         |                                                                           | 572-582-10*1                   | SDV-20F      | 200 mm           |                   |                  |                                                        |                      |                      |         |                                              |           |  |                      |                     |                     |
|                                                                         |                                                                           | 572-583-10*1                   | SDV-30F      | 300 mm           |                   | 0.04 mm          |                                                        |                      |                      |         |                                              |           |  |                      |                     |                     |
|                                                                         |                                                                           | 572-584-10*1                   | SDV-45F      | 450 mm           |                   |                  |                                                        |                      |                      |         |                                              |           |  |                      |                     |                     |
|                                                                         |                                                                           | 572-585-10*1                   | SDV-60F      | 600 mm           |                   |                  |                                                        |                      |                      |         |                                              |           |  |                      |                     |                     |
|                                                                         |                                                                           | 572-586-10*1                   | SDV-80F      | 800 mm           |                   |                  |                                                        |                      |                      |         |                                              |           |  |                      |                     |                     |
|                                                                         | Metric/Inch                                                               | 572-587-10*1                   | SDV-100F     | 1000 mm          | 0.0005 in/0.01 mm | 0.03 mm/0.001 in | 0.01 mm/0.0005 in<br>(Radius indication, not diameter) |                      |                      |         |                                              |           |  |                      |                     |                     |
|                                                                         |                                                                           | 572-590-10*1                   | SDV-4" F     | 100 mm/4 in      |                   |                  |                                                        |                      |                      |         |                                              |           |  |                      |                     |                     |
|                                                                         |                                                                           | 572-591-10*1                   | SDV-6" F     | 150 mm/6 in      |                   |                  |                                                        |                      |                      |         |                                              |           |  |                      |                     |                     |
|                                                                         |                                                                           | 572-592-10*1                   | SDV-8" F     | 200 mm/8 in      |                   |                  |                                                        |                      |                      |         |                                              |           |  |                      |                     |                     |
|                                                                         |                                                                           | 572-593-10*1                   | SDV-12" F    | 300 mm/12 in     |                   | 0.04 mm/0.002 in |                                                        |                      |                      |         |                                              |           |  |                      |                     |                     |
|                                                                         |                                                                           | 572-594-10*1                   | SDV-18" F    | 450 mm/18 in     |                   |                  |                                                        |                      |                      |         |                                              |           |  |                      |                     |                     |
|                                                                         |                                                                           | 572-595-10*1                   | SDV-24" F    | 600 mm/24 in     |                   |                  |                                                        |                      |                      |         |                                              |           |  |                      |                     |                     |
|                                                                         |                                                                           | 572-596-10*1                   | SDV-32" F    | 800 mm/32 in     |                   |                  |                                                        |                      |                      |         |                                              |           |  |                      |                     |                     |
|                                                                         |                                                                           | 572-597-10*1                   | SDV-40" F    | 1000 mm/40 in    |                   |                  |                                                        |                      |                      |         |                                              |           |  |                      |                     |                     |

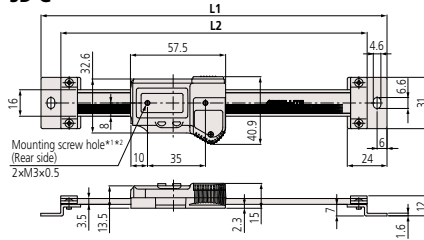
\*1 Available to special order

\*2 High slider speed does not cause data errors. Position feedback and output data may not be used while the slider is moving.

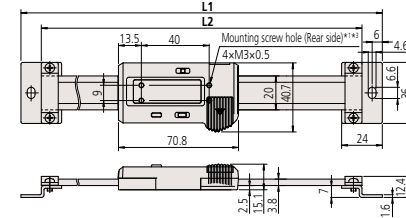
## DIMENSIONS

Unit: mm

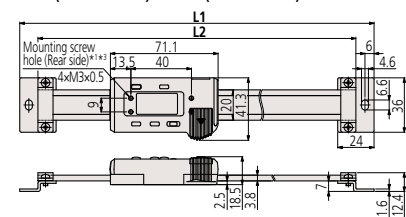
**SD-G**



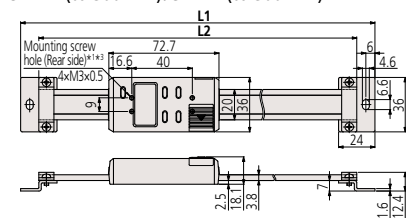
**SD-D**



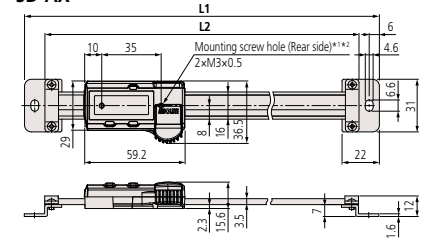
**SD-E (to 300 mm)/SD-F (to 300 mm)**



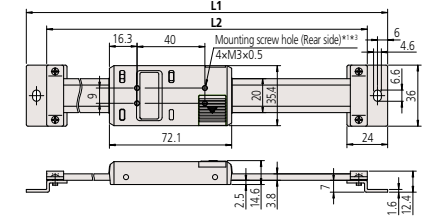
**SDV-E (to 300 mm)/SDV-F (to 300 mm)**



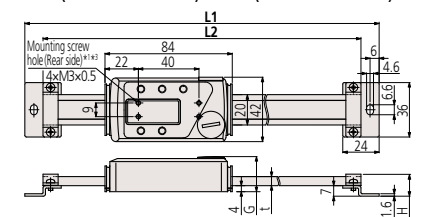
**SD-AX**



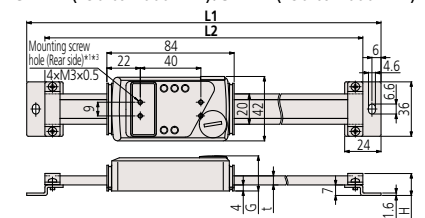
**SDV-D**



**SD-E (450 to 1000 mm)/SD-F (450 to 1000 mm)**



**SDV-E (450 to 1000 mm)/SDV-F (450 to 1000 mm)**



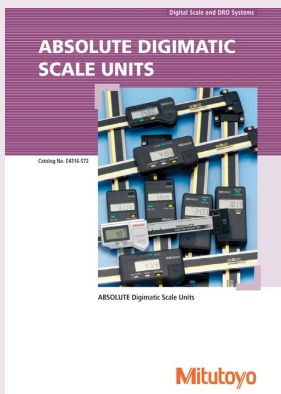
\*1 Refer to the dimension table for details of the depth including the screw on the rear of the display.

\*2 Mounting screw hole: 2xNo.5-40 UNC (Inch type, Inch/Metric switching type)/2xM3x0.5 (Metric type) Screwed depth on the rear side of display unit: under 2 mm

\*3 Mounting screw hole: 4xNo.5-40 UNC (Inch type, Inch/Metric switching type)/4xM3x0.5 (Metric type) Screwed depth on the rear side of display unit: under 2 mm

## SPECIFICATIONS

| Model          | Range (mm) | Dimensions (mm) |      |    |      |      | Depth including the screw on the rear of the display | Mass (g) |
|----------------|------------|-----------------|------|----|------|------|------------------------------------------------------|----------|
|                |            | L1              | L2   | t  | G    | H    |                                                      |          |
| SD-G           | 100        | 209             | 185  | —  | —    | —    | Less than 2 mm                                       | 390      |
|                | 150        | 259             | 235  | —  | —    | —    |                                                      | 410      |
|                | 200        | 311             | 287  | —  | —    | —    |                                                      | 430      |
| SD-AX          | 100        | 209             | 185  | —  | —    | —    |                                                      | 235      |
|                | 150        | 259             | 235  | —  | —    | —    |                                                      | 255      |
|                | 200        | 311             | 287  | —  | —    | —    |                                                      | 275      |
| SD-30D         | 300        | 444             | 420  | —  | —    | —    | Less than 3 mm                                       | 370      |
|                | 100        | 244             | 220  | —  | —    | —    |                                                      | 250      |
| SD-E<br>SD-F   | 150        | 294             | 270  | —  | —    | —    |                                                      | 280      |
|                | 200        | 344             | 320  | —  | —    | —    |                                                      | 310      |
|                | 300        | 444             | 420  | —  | —    | —    |                                                      | 370      |
|                | 450        | 594             | 570  | 6  | 23.2 | 14.6 |                                                      | 760      |
|                | 600        | 774             | 750  | —  | —    | —    |                                                      | 900      |
|                | 800        | 974             | 950  | 10 | 27.2 | 18.6 |                                                      | 1710     |
| SDV-D          | 1000       | 1174            | 1150 | —  | —    | —    | Less than 2 mm                                       | 2040     |
|                | 100        | 244             | 220  | —  | —    | —    |                                                      | 250      |
|                | 150        | 294             | 270  | —  | —    | —    |                                                      | 280      |
|                | 200        | 344             | 320  | —  | —    | —    |                                                      | 310      |
| SDV-E<br>SDV-F | 300        | 444             | 420  | —  | —    | —    |                                                      | 370      |
|                | 100        | 244             | 220  | —  | —    | —    |                                                      | 250      |
|                | 150        | 294             | 270  | —  | —    | —    |                                                      | 280      |
|                | 200        | 344             | 320  | —  | —    | —    |                                                      | 310      |
|                | 300        | 444             | 420  | —  | —    | —    |                                                      | 370      |
|                | 450        | 594             | 570  | 6  | 23.2 | 14.6 | Less than 3 mm                                       | 760      |
|                | 600        | 774             | 750  | —  | —    | —    |                                                      | 900      |
|                | 800        | 974             | 950  | 10 | 27.2 | 18.6 |                                                      | 1710     |
|                | 1000       | 1174            | 1150 | —  | —    | —    |                                                      | 2040     |



Refer to the ABSOLUTE DIGIMATIC SCALE UNITS Brochure (E4316) for more details.