

# Surftest

Performs brilliantly in many situations such as in the quality control room, on the factory floor and on the production line.

## Optional Accessories for Surftest

### Manual column stand (Optional accessory dedicated to SJ-500)

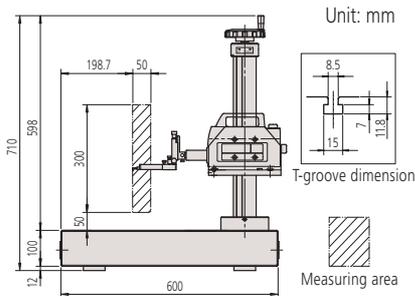
- Best suited for the use as a stationary type stand in an inspection room.

Up/down movement range: 300mm  
Dimensions (W×D×H): 600×450×710mm  
Mass: 110kg  
Code No.: **No.178-085**

\* Excluding the measuring section



#### External Dimensions of SJ-500 + manual column stand



Note: While the appearance of the natural stone measuring table varies according to the source, the high stability for which this material is known can always be relied upon.

### Simplified stand (Optional accessory dedicated to SJ-500)

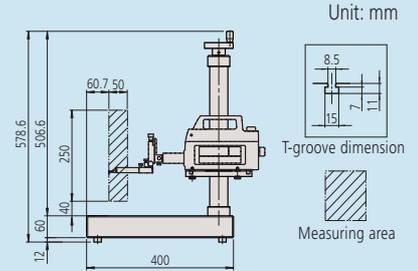
- Simplified stand that is easy to carry.

Up/down movement range: 250mm  
Dimensions (W×D×H): 400×250×578.6mm  
Mass: 20kg  
Code No.: **178-089**

\* Excluding the measuring section



#### External Dimensions of SJ-500 + Simplified stand



Note: While the appearance of the natural stone measuring table varies according to the source, the high stability for which this material is known can always be relied upon.

### Simplified stand (Optional accessory dedicated to SJ-410)

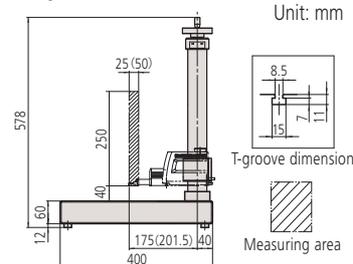
- Setting is available according to the height of workpieces.

Range of vertical movement: 250mm  
Dimensions (W×D×H): 400×250×578mm  
Mass: 20kg  
Code No.: **178-039**

\* Excluding the measuring section



#### External Dimensions of SJ-410 + Simplified stand



\* The value in parentheses indicates the dimensions with SJ-412 installed. AD

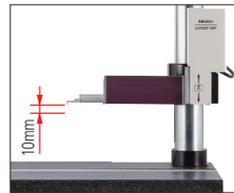
Note: While the appearance of the natural stone measuring table varies according to the source, the high stability for which this material is known can always be relied upon.

### Optional accessories for the simplified stand dedicated to SJ-410

- Three types of optional accessories to be mounted on the simplified stand (**No.178-039**) are newly available. In addition, these three types can be flexibly combined.

#### Auto-set unit\*

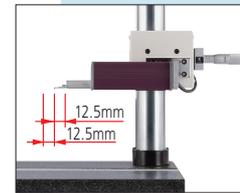
No.178-010



Enables the auto-set function that automatically performs the positioning of vertical direction (up/down, Z axis).

#### X-axis adjustment unit\*

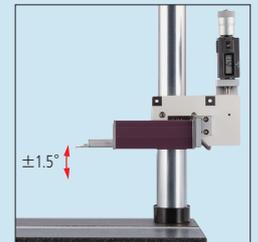
No.178-020



Enables fine adjustment of the right/left (X axis) direction.

#### Inclination adjustment unit\*

No.178-030



Allows the inclination adjustment. Supports the DAT function that allows leveling of a workpiece surface.

\*Not available for previous models of measuring unit (**SJ-401/402**).

- The optional accessories introduced here can be commonly used with almost any Surftest model. For some models, they are provided as standard.

## Optional Accessories for Surftest

### Cross-travel table

- Equipped with micrometer heads on the X and Y axes. Best suited for the alignment of axes since the inclination adjustment center and the rotation center are the same.



Code No.	Digimatic: <b>178-042-1</b>	Digimatic: <b>178-049</b>	Venier: <b>178-043-1</b>
Dimensions of table (W×D)	130×100mm		
Maximum table loading	15kg		
Inclination range	±1.5°	—	±1.5°
Rotation range	±3°	—	±3°
X- and Y-axes range	±12.5mm		
Resolution/Graduation	0.001mm		0.01mm
External dimensions (W×D×H)	262×233×83mm	262×233×55mm	220×189×83mm
Mass	6.3kg	5kg	6kg

### Precision vise

No.178-019

- Can be mounted on the cross-travel table.



Fixing method	Two-slide jaw
Jaw opening	36mm
Jaw width	44mm
Jaw depth	16mm
Total height	38mm

### Leveling table



Code No.	<b>178-016</b>
Dimensions of table (W×D)	130×100mm
Inclination range	±1.5°
Maximum table loading	15kg
External dimensions (W×D×H)	130×100×40mm
Mass	3kg

### Roughness specimen for calibration

Indication: Ra = approx. 3µm  
Material: Chrome-plated nickel.

No.178-601

### Roughness specimen

For checking the stylus tip condition.  
Indication: Ra = approx. 3µm, 0.4µm (nominal)

No.178-604

### Step gage

Step nominal value: 2µm, 10µm

No.178-611

\*Not available for the use with Surftest SJ-310/210.



An inspection certificate is supplied as standard. Refer to page X for details.

### Monitor arm\*

No.12AAK120

\*Used with the vibration isolator (No.12AAK110, No.178-119)

### Side table\*

No.12AAL019

\*Used with the vibration isolator (No.12AAK110, No.178-119)

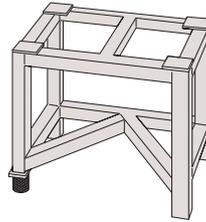
### Stand for vibration isolator

- Stand dedicated to the installation of the vibration isolator (No.178-023, No.178-025).

External dimensions (W×D×H): 640×470×660mm

Mass: 25kg

No.178-024



### Vibration isolator

(actively pumped air system)

No.178-023 (for standard base)

No.178-093 (for simplified stand)\*

\*For Simplified stand (No.178-039) for SJ-410 and Simplified stand (No.178-089) for SJ-500.



### Vibration isolator

(sealed air system)

No.178-025 (for standard base)

No.178-115 (for wide base)\*



### Vibration isolator

(stand integrated type, air system)

No.12AAK110 (for standard base)

No.178-119 (for wide base)

### Measurement Workbench

No.12AAQ587 (for standard base)

No.12AAQ583 (for wide base)

### V-block with clamp

Can be mounted on the cross-travel table.

No.998291



Workpiece diameter (using both V-grooves)	ø1 to 7mm
	ø6 to 160mm

### V-block stage (A set of two)

Maximum supportable diameter: ø25mm

Mass: 700g

No.181-902-10

