

Optional Accessories for Automatic Measurement

For SV series, SV-C series, CV series and CNC Models

Y-axis table

For SV, SV-C and CV (not CNC models)

Enables efficient, automatic measurement of multiple aligned workpieces and multiple points on a single measurement surface.

(It allows semi-automatic measurement with a manual type machine by using these items.)

No.	Travel range	Resolution	Positioning accuracy	Drive speed	Maximum load
178-097	200 mm	0,05 µm	±3 µm	Max. 80 mm/s	50 kg

01-axis table : 12AAD975*1

For efficient measurement in the axial/transverse directions. When measuring a cylindrical workpiece, automatic alignment can be performed in combination with the Y-axis table.

*1 (01-axis mounting plate (12AAE630) is required when directly installing on the base of the machine)

No.	Displacement	Resolution	Maximum load	Rotational speed
12AAD975	360°	0.004°	12 kg	Max. 10°/s

02-axis table : 178-078*1

You can measure multiple points on a cylindrical workpiece and automate front/rear-side measurement

*1 02-axis mounting plate (12AAE718) is required when directly installing on the base of the machine.

(02-axis attachment plate (12AAE705) is required when installing on 01-axis table)

No.	Displacement	Resolution	Maximum load (loading moment)	Rotational speed
178-078*	360°	0.0072°	4 kg (343 N•cm or less)	Max. 18°/s

Automatic-leveling table : 178-087 (SV, CV, CS3200)

Automatic-leveling table : 178-037 (CNC Models)

This is a stage that performs fully automatic leveling as measurement starts, freeing the user from this troublesome operation. Fully automatic leveling can be done quickly by anyone. In addition, the operation is easy and reliable.

No.	Inclination adjustment angle	Maximum load	Table dimensions
178-087*	± 2°	7 kg	130 x 100 mm
178-037*	± 2°	7 kg	130 x 100 mm

Quick chuck

This Chuck is useful when measuring small workpieces. You can easily clamp them with its knurled ring.

No.	Retention range	Dimensions
211-032	Inner latch : OD ø1 - ø36 mm	ø118 x 41 mm
	Inner latch : ID ø16 - ø69 mm	
	outer latch : OD ø25 - ø79 mm	

Micro-chuck

This chuck is suitable for clamping extra-small diameter workpieces (ø1 mm or less), which cannot be retained with the centering chuck.

No.	Retention range	Dimensions
211-031	OD : ø0 - ø1.5 mm	ø118 x 48.5 mm

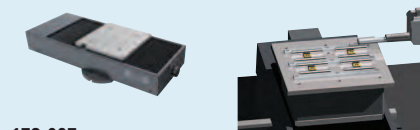
Vibration isolation table

Used to isolate instruments from externally generated vibration transmitted through the floor. Ideal for Laboratories, they are available in several sizes and load-carrying capacities.

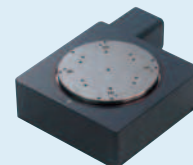
Functions :

- Adjustable feet
- BiAir® Technology included
- Accuracy ±0.1 or ±0.01 mm
- Vertical and Horizontal frequency : 2.5 Hz
- Optional wheel
- Work surface polished granite

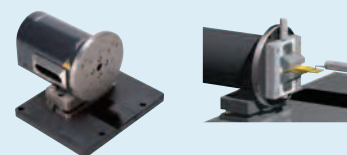
No.	Width	Depth	Height	Maximum load
B-LTH100-63	1000 mm	630 mm	760 mm	270 kg
B-LTH90-70	900 mm	700 mm	500 mm	800 kg



178-097



12AAD975



178-078



178-087



211-032



211-031



B-LTH100-63

B-LTH90-70