

Optional Accessories

- 178-611:** Step gauge (2 µm, 10 µm)
£340.00
- 178-612:** Step gauge (2 µm, 10 µm, 79 µm, 394 µm)
£344.00
- 178-610:** Metric 4-step gauge (1 µm, 2 µm, 5 µm, 10 µm)
£345.00
- 178-047:** Three-axis adjustment table (998291 is incl.)
£3170.00
- 178-016:** Levelling table
£548.00
- 178-042-1:** Digimatic XY levelling table (25 x 25 mm)
£2670.00
- 178-052-1:** Digimatic XY levelling table (1" x 1")
£1980.00
- 178-043-1:** XY levelling table (25 x 25 mm)
£2060.00
- 178-053-1:** XY levelling table (1" x 1")
£1760.00
- 178-019:** Precision vice*
£608.00
- 998291:** Precision V-block*
£555.00
- 181-902-10:** V-block set with clamp (max. workpiece ø25 mm)
£124.00
- 181-901-10:** V-block set with clamp (max. workpiece ø1")
£124.00
- 178-023:** Vibration isolator
£2530.00
- 178-024:** Stand for vibration isolator
£647.00
- 218-007:** Workbench
£1040.00
- 166-215:** Workbench (with drawers)
£1550.00
- 218-010:** Auxiliary desk
£580.00
- 218-008:** Auxiliary desk
£340.00

* Use with an XY levelling table

Simplified CNC Function

Support for a wide range of optional peripherals designed for use with the CNC models enables automatic measurement.



Using Y-axis table



Using rotary table θ1



Using rotary table θ2

SPECIFICATIONS

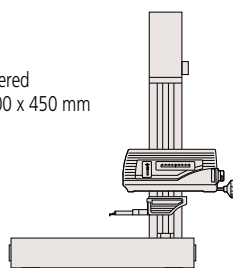
Model	SV-3100S4		SV-3100H4		SV-3100W4	
Code No. (mm)	178-471-1E	178-471-2E	178-472-1E	178-472-2E	178-473-1E	178-473-2E
	178-451-1E*	178-451-2E*	178-452-1E*	178-452-2E*	178-453-1E*	178-453-2E*
Code No. (inch)	178-481-1E	178-481-2E	178-482-1E	178-482-2E	178-483-1E	178-483-2E
	178-461-1E*	178-461-2E*	178-462-1E*	178-462-2E*	178-463-1E*	178-463-2E*
Stylus tip	Angle	60°	90°	60°	90°	90°
	Radius	2 µm	5 µm	2 µm	5 µm	5 µm
Detector measuring force	0.75 mN	4 mN	0.75 mN	4 mN	0.75 mN	4 mN
X1-axis measuring range	100 mm					
X1-axis traverse straightness	(0.05+1L/1000) µm L = measured length (mm)					
Dimensions (main unit, W x D x H)	756 x 482 x 966 mm		756 x 482 x 1166 mm		1156 x 482 x 1176 mm	
Mass (main unit)	140 kg		150 kg		220 kg	

Model	SV-3100S8		SV-3100H8		SV-3100W8	
Code No. (mm)	178-476-1E	178-476-2E	178-477-1E	178-477-2E	178-478-1E	178-478-2E
	178-456-1E*	178-456-2E*	178-457-1E*	178-457-2E*	178-458-1E*	178-458-2E*
Code No. (inch)	178-486-1E	178-486-2E	178-487-1E	178-487-2E	178-488-1E	178-488-2E
	178-466-1E*	178-466-2E*	178-467-1E*	178-467-2E*	178-468-1E*	178-468-2E*
Stylus tip	Angle	60°	90°	60°	90°	60°
	Radius	2 µm	5 µm	2 µm	5 µm	5 µm
Detector measuring force	0.75 mN	4 mN	0.75 mN	4 mN	0.75 mN	4 mN
X1-axis measuring range	200 mm					
X1-axis traverse straightness	0.5 µm / 200 mm					
Dimensions (main unit, W x D x H)	766 x 482 x 966 mm		766 x 482 x 1166 mm		1166 x 482 x 1176 mm	
Mass (main unit)	140 kg		150 kg		220 kg	

* Without X1-axis inclination function

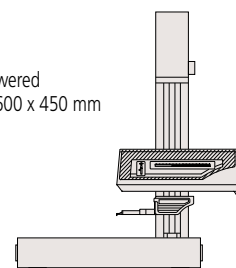
SV-3100S4

Vertical travel: 300 mm powered
Granite base size (W x D): 600 x 450 mm



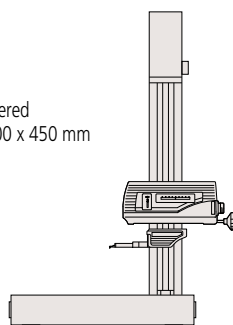
SV-3100S8

Vertical travel: 300 mm powered
Granite base size (W x D): 600 x 450 mm



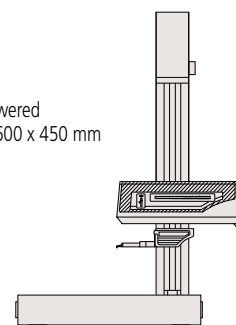
SV-3100H4

Vertical travel: 500 mm powered
Granite base size (W x D): 600 x 450 mm



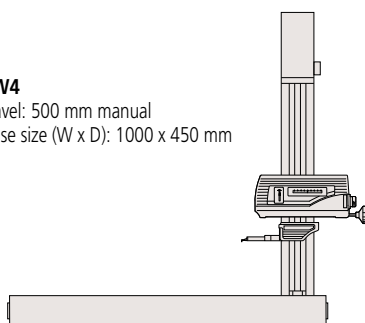
SV-3100H8

Vertical travel: 500 mm powered
Granite base size (W x D): 600 x 450 mm



SV-3100W4

Vertical travel: 500 mm manual
Granite base size (W x D): 1000 x 450 mm



SV-3100W8

Vertical travel: 500 mm manual
Granite base size (W x D): 1000 x 450 mm

