

Optional Accessories

Vibration isolation stand

Vibration isolation mechanism: Diaphragm air spring
Natural frequency: 2.5 - 3.5 Hz
Damping mechanism: Orifice
Levelling mechanism: Automatic control with mechanical valves
Air supply pressure: 0.4 MPa
Allowable loading capacity: 350 kg
Dimension (WxDxH): 1000 x 895 x 715 mm
Mass: 315 kg

Y-axis table unit

Measuring range: 200 mm
Resolution: 0.05 μ m
Scale unit: Reflective-type linear encoder
Drive speed: 200 mm/s (max., CNC),
0 - 60 mm/s (joystick)

Maximum loading capacity: 20 kg
Traverse straightness: 0.5 μ m/200 mm
Accuracy (at 20°C): $\pm(2+2L/100)$ μ m,
L = measured length (mm)
Table size: 200 x 200 mm
Dimension (WxDxH): 320 x 646 x 105 mm
Mass: 35 kg

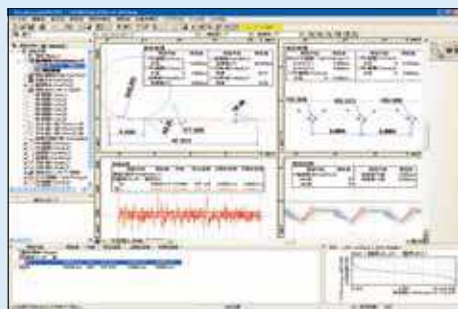


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FORM

Software

FORMTRACEPAK

Enables control of the optional motor-driven Y-axis table and rotary table for realizing efficient measurement automation. You can also perform contour evaluation that allows free analysis of level differences, angle, pitch, area and other characteristics based on surface roughness data. In addition, you can create an original inspection certificate by setting the print format to suit your particular requirements.



SPECIFICATIONS

Model	SV-C3000CNC			
Code No. (100V - 120V)	525-521-1E	525-522-1E	525-523-1E	525-524-1E
Code No. (200V - 240V)	525-521-2E	525-522-2E	525-523-2E	525-524-2E
X1-axis measuring range	200 mm			
Z2-axis vertical travel	300 mm			
Y-axis table unit	—		Installed	
α -axis unit	—	Installed	—	Installed
Granite base size (WxD)	750 x 600 mm			
Dimensions (main unit, WxDxH)	800 x 651 x 1000 mm			
Mass (main unit)	240 kg			

Model	SV-C3000CNC			
Code No. (100V - 120V)	525-541-1E	525-542-1E	525-543-1E	525-544-1E
Code No. (200V - 240V)	525-541-2E	525-542-2E	525-543-2E	525-544-2E
X1-axis measuring range	200 mm			
Z2-axis vertical travel	500 mm			
Y-axis table unit	—		Installed	
α -axis unit	—	Installed	—	Installed
Granite base size (WxD)	750 x 600 mm			
Dimensions (main unit, WxDxH)	800 x 651 x 1200 mm			
Mass (main unit)	250 kg			

Model	SV-C4000CNC			
Code No. (100V - 120V)	525-621-1E	525-622-1E	525-623-1E	525-624-1E
Code No. (200V - 240V)	525-621-2E	525-622-2E	525-623-2E	525-624-2E
X1-axis measuring range	200 mm			
Z2-axis vertical travel	300 mm			
Y-axis table unit	—		Installed	
α -axis unit	—	Installed	—	Installed
Granite base size (WxD)	750 x 600 mm			
Dimensions (main unit, WxDxH)	800 x 651 x 1000 mm			
Mass (main unit)	240 kg			

Model	SV-C4000CNC			
Code No. (100V - 120V)	525-641-1E	525-642-1E	525-643-1E	525-644-1E
Code No. (200V - 240V)	525-641-2E	525-642-2E	525-643-2E	525-644-2E
X1-axis measuring range	200 mm			
Z2-axis vertical travel	500 mm			
Y-axis table unit	—		Installed	
α -axis unit	—	Installed	—	Installed
Granite base size (WxD)	750 x 600 mm			
Dimensions (main unit, WxDxH)	800 x 651 x 1200 mm			
Mass (main unit)	250 kg			

MEASUREMENT APPLICATIONS

