

High-precision
CNC 3D coordinate measuring Instrument



XYZAX SVA NEX

Full renewed design of our long-selling instruments, SVA series
Newly improved performance model
of high-precision 3D measuring instrument



■ High measuring accuracy

Max. permissible indication error
E0, MPE: $1.8 + 4 L/1000 \mu\text{m}$

■ New design

A high-end machine of NEX series
Unified concept of FUSION NEX design

■ LED light

LED light enliven your hands
and every details of workpiece.

■ Air Saver function

This is a function of automatic suspension to supply compressed air during the machine waiting time. After suspended, compressed air is automatically supplied as Joy stick operation and CNC measuring starts. This function helps to save energy and running cost.

Specifications

Item	Model	XYZAX SVA NEX		
		7/5/5	9/6/6	9/10/6
Measuring range	X-axis (mm)	650	850	
	Y-axis (mm)	500	600	1000
	Z-axis (mm)	450	600	
Measuring accuracy	Maximum permissible error of length measurement E0, MPE (μm) E150, MPE (μm)	1.8 + 4 L/1000 2.3 + 4 L/1000		
	Maximum permissible limit of the repeatability range R0, MPL (μm)	1.5		
	Maximum permissible single-stylus form error PFTU MPE (μm)	2.0		
Driving speed	Acceleration (mm/sec^2)	Max. 1700		
	Variable speed range (mm/sec)	CNC measuring mode	Max. 425 (stepless variable)	
		Joystick mode	0 to 120 (stepless variable)	

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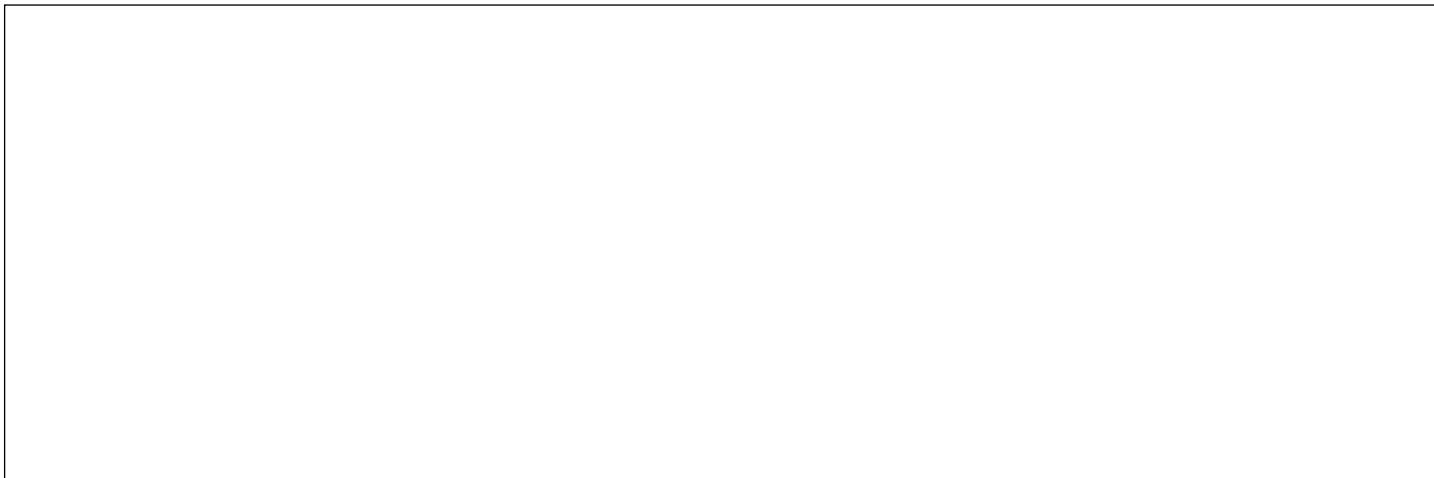
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