

AXELIA® AXE series

Direct Teaching Capability as Standard

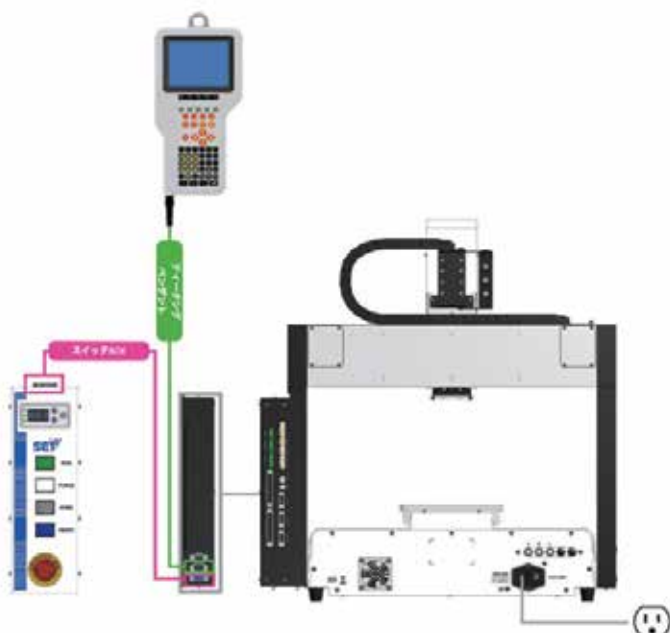
The AXE series desktop robot enables direct teaching programming using an intuitive pendant while visually confirming the workpiece. Offline editing is also possible via dedicated PC software. This direct teaching capability combined with flexible editing ensures accurate, efficient dispensing across manufacturing.

Features

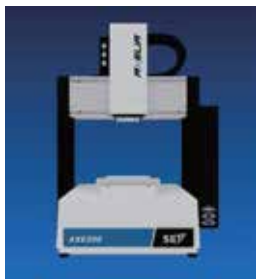
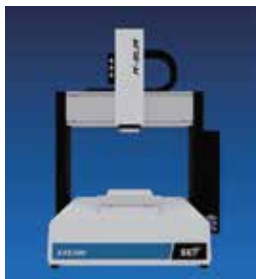
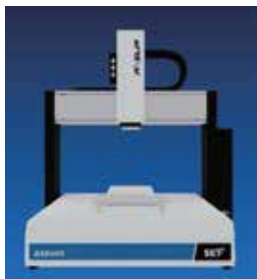
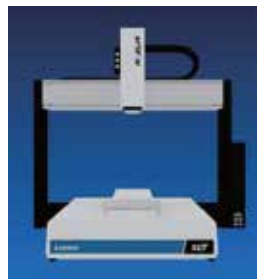
- Direct teaching with teaching pendant
- Offline teaching with dedicated PC software
- Nozzle tip position correction tool as option
- Highly versatile 2-axis additional function as option
- A wide range of size selection



System Configuration



Specifications

		AXE200 (200×200×75mm)	AXE300 (300×300×150mm)	AXE400 (400×400×150mm)	AXE600 (600×600×150mm)
					
Items	Axes	3 axes	3 axes	3 axes	3 axes
Working Range	X/Y-axes	200 / 200	300/300	400/ 400	600 / 500
	Z-axis	75mm	150mm	150mm	150mm
Max. Payload	X-axis (Tool)	3KG	5KG	5KG	5KG
	Y-axis (Work)	10KG	10KG	10KG	10KG
Max. Speed (PTP)	X-axis	500mm/sec	800mm/sec	800mm/sec	800mm/sec
	Y-axis	500mm/sec	800mm/sec	800mm/sec	800mm/sec
	Z-axis	200mm/sec	300mm/sec	300mm/sec	300mm/sec
Repeatability	X/Y-axes	± 0.008mm	± 0.008mm	± 0.008mm	± 0.008mm
	Z-axis	± 0.008mm	± 0.008mm	± 0.008mm	± 0.008mm
Drive System	XY-axes	Stepping Motor	Stepping Motor Stepping Motor/Ball Screw		
	Z-axis	Stepping Motor			
Memory Capacity		1-999 programs, 1-1000 points			
Data Storage		SD Card/SVC Port			
Interpolation		3-axis (3D space)			
Control Motion		PTP&CP			
External I/O	I/O	32 inputs/32 outputs			
Nozzle Detection		Optional (Optical)			
Power Supply		AC100-240V 50/60Hz			
Operating Environment	Temperature	10~40℃			

Options

CCD Front Camera / Needle Adjuster / Pillar Unit

* Custom options are available.



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