

# Guangzhou LokShun CNC Equipment Ltd.,

## Controller SGDS9-6CNCH2

### Features

- CPU processing speed, support for floating-point operations and greatly enhance the movement interpolation calculation speed and accuracy.
- System supports 5-axis control, 3-axis joint linking, it can conduct a variety of two-dimensional and three-dimensional complex processing.
- Fast-moving axis 48m/min, control accuracy of 10um.
- System, communication interface universal, using the network interface technology for the transmission of NC code, and through the network interface technology can facilitate the achievement of workshop equipment, unified management and on-line diagnostics
- System supports the common memory (U disk, SD / CF cards) direct-reading function.
- PLC control system support, user-friendly workshop to achieve automated production.



SGDS9-6CNCH2

### Specifications

Item	Specifications
Control method	Motion control by MECHATROLINK- II (Position, Velocity, Torque)
Number of control axis	6-axis
Control Servo Drivers	MECHATROLINK- II ; SGDS series, SGDH series+JUSP-NS115; SGDV series.
Minimum Control Unit	0.00001, 0.000001, 0.0001 (unit: mm, inch, deg)
Interpolation	Linear, Circular, Helical, Thread Milling
Control Mode	Closed Loop Control, Using the serial high speed raster ruler for feed back.
G0 Rapid Feed Rate	120m/min
G1 Cutting Feed Rate	60m/min
Programme Transmission	USB, Ethernet
Display Unit	12.1 inch TFT

### MECHATROLINK specifications

		M- I	M- II	
		17-byte	17-byte	32-byte
Command	Servo	-	×	-
	Stepping Motor Drivers	-	-	-
	Intelligent I/O	-	-	-
	Simple I/O	-	-	-
	Inverter	-	-	-
Transmission cycle			0.25ms	

### Contact Information

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