

1.2 Specification

Function	Description		Specification
Control axis	Control axis		4 axes (X, Y, Z, A)
	Number of axis controlled simultaneously		4 axes for linear interpolation, 2 axes for circular interpolation
Input instruction	Minimum setting unit		0.001mm
	Minimum move unit		0.001mm
	Maximum instruction value		±9999.999mm
Feed	Quick feed speed		X axis, Y axis, Z axis, A axis: 9999mm/minute (maximum value)
	Range of feed speed	feed per minute	1~9999 mm/minute
		feed per turn	1~500 mm/turn
	auto acceleration/deceleration		Yes
	Feed rate		10~150%
Manual	Manual continuous feed		Yes
	Return to reference point manually		Single axis/4 axes return to reference point at the same time
	Single-step/handwheel function		Yes
Interpolation	Positioning, linear interpolation, circular interpolation		G00,G01,G02/G03
Operating mode	MDI, Auto, Manual, Single-step, Edit		Yes
Adjusting function	Trial operation, single program segment, handwheel		Yes

Coordinate system and pause	Pause (s/microsecond)	G04 X/P_
	Settings of coordinate system	G92
	Auto setting of coordinate system	Yes
Safety function	Software/hardware limit check	Yes
	Emergency stop	Yes
programme storing	Storage capacity, numbers of stored program	Total capacity 256M bytes, 9999 working areas, no restriction on numbers of processing files
Program editing	Program editing	Insert, modify, delete, cancel
	Program number, order number, address, word searching	Yes
	Decimal programming	Yes
Display	320×240 dot matrix 5.7” LCD display	
	Position menu, program editing Too compensation setting, alarm display Handwheel adjusting, diagnosis interface Parameter setting, graph simulation	Yes
M, S, T function	Auxiliary functions	M code
	Main axis function	S0-S15 (Shift control) S15-S99999 (Analog)
	Tool function	T code
Compensation function	Tool compensation storage	18 sets of tool length
	Backlash Compensation	Yes

Other functions	Auto centering Auto tool regulator	Yes
	specification of circular arc radius R /central position	Yes
	Gear ratio	Yes