

2-1 Controller Specifications

(1) Common controller specifications

Table 2-1

Item		Specifications	
System configuration	Number of controlled axes	MC2 = 1 or 2, MC1 = 1	
	Position sensing	Simplified ABS encoder	
	AC servo motor driver	Included	
	Power supply	Included	
	24 V power supply for I/O interface	Included	
	Controllable motor	DENSO MSM series AC servo motor: 50 W, 100 W, 200 W, 400 W	
	Combined motor wattage (max.)	MC2 = 800 W, MC1 = 400 W	
	Interface	Parallel I/O	Special I/O = 16/8, General I/O = 16/16
		RS232C	One port (for connection with PC or teaching pendant)
Operation terminal	Windows-installed PC or teaching pendant		
Axis control	Control methods	PTP, CP	
	Drive method	AC servo	
	Interpolation method	Linear interpolation, circular interpolation (with XYC-series robot only)	
	Displacement	Max. ± 9999.99 mm	
	Minimum unit of displacement specified with movement command	0.01 (mm)	
	Range of speed values allowed with speed commands	10 to 3000 r/min., 1 to 100 % of the maximum number of revolutions (minimum unit: 1 %)	
	Simplified multiple movement command processing	Provided	
	Auto tuning	Provided	
	Current control	Provided	
Palletizing	Provided (MC2 only)		
Program	Language	Simplified robot language	
	Number of program commands	44	
	Program storage (max.)	63 programs, 3933 steps	
	Number of instruction points (max.)	1000	
Size	Dimensions	MC*-PB-H: 140 (W) x 200 (H) x 200 (D) mm MC*-PC-H: 140 (W) x 227 (H) x 200 (D) mm	
	Volume	5.6 ℓ	

12 Controller Appearance and Accessories

2 MC2-PC-H Appearance (Part No.: 463800-0221)

