

RV-M2 Specifications and Dimensions

Specifications

MOVEMASTER RV-M2		
Construction	Vertical, articulated	
Degrees of freedom	5 (not including hand)	
Electrical drive system	DC servo motors	
Reach	250 + 200 mm (120 mm offset)	
Operation range	Waist rotation	300° (max. 140°/s)
	Shoulder rotation	130° (max. 79°/s)
	Elbow rotation	120° (max. 140°/s)
	Wrist pitch	± 110° (max. 163°/s)
	Wrist roll	± 180° (max. 223°/s)
Maximum path velocity	1,500 mm/s (PTP at wrist tool plate)	
Lifting capacity	2.0 kg incl. hand	
Position repeatability	± 0.1 mm at wrist tool plate	
Installation position	Horizontal	
Ambient temperature	5° C - 40° C	
Weight	28 kg	

Drive Unit	
Teaching methods	Teaching and MDI (manual data input)
Control system	PTP and CP
Speed levels	21
Position memory	999 positions (max.)
Program memory	3,584 lines (max.)
Program development	Personal computer
Interfaces	Serial (RS-232C), parallel (Centronics)
External I/Os	16 inputs, 16 outputs, EMERGENCY STOP (3 inputs configurable for interrupts)
Ambient temperature	5° C - 40° C
Power supply	120 V AC, single phase, 50/60 Hz, 500 VA
Dimensions	380mm x 331mm x 246mm (W, H, D)
Weight	25 kg

Dimensions

