

MR-300-A06 and MR-300 Advanced Gantry System

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Features

- Z axis laser detection
- Lightweight, compact dimensions
- 3 axis (x, y, z)
- Uses Nano Drive technology with a resolution of up to 500,000 steps/rev
- Suitable for bench top inspection, measurement, dispensing and soldering applications

Stroke	X axis	250mm
	Y axis	200mm
	Z axis	70mm
Maximum Load Capacity	Work	5kg
	Tool	2kg
Travel Rate	X and Y axis	0.1~300mm/sec
	Z axis	0.1~300mm/sec
Position Accuracy	X and Y axis	±0.02mm
	Z axis	±0.02mm
Resolution	X and Y axis	0.001mm
	Z axis	0.001mm
Repeatability	X and Y axis	Below ±0.02mm
	Z axis	Below ±0.02mm
Operation Switches	Emergency stop, start, reset, origin return	
Drive Method	NanoDrive Stepper	
Number of Download Programs	Each 8 points	
User Input/Output	Input 5 Point	Z axis danger signal, program start, external E-stop, reset, home search
	Output 4 Point	Ready, move, error, home position
Communications	RS232C	
Power Supply	100V 3A	
Operating Temperature	0~40°C	
Relative Humidity	30~80%	
Overall Dimensions	394mm (w) x 379mm (d) x 498mm (h)	
Weight	27kg	

Items	Descriptions
Dispensing software for PC	Automatic conversion program for dispensing (Gerber data read/abs pos data)
Type MR-300DS and JWIN (Windows 95/98/2000/NT/XP)	All data editing and storage functions
	Setting and modification of parameters
	PC online execution mode
	Program download

Option Items

Items	Descriptions
For dispenser	Pneumatic dispenser, syringe, high precision nozzle, syringe holder unit
	Adaptor tube, SM3 colours, plug, ball valve, Ø6 air hose
For communication	Software (MR-300DSJWIN), RS232C cable, USB-RS232C converter
Peripheral drive	Base plate installation jig (work size 250x200mm)



Distributors for Australia & New Zealand

MOTION TECHNOLOGIES PTY LTD

24/22-30 Northumberland Road
Caringbah NSW 2229 Australia
Phone: (02) 9524 4782
Fax: (02) 9525 3878

sales@motiontech.com.au
www.motiontech.com.au

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