



Call for Details
(800)401-1441

Bench-Top Dispensing Robot TSR2000

Techcon bench-top dispensing robots are easy to program, simple to operate and compatible with all valve types and controllers. These versatile dispensing platforms deliver consistent, high performance dispensing results, at an affordable price.

Designed and configured specifically for fluid dispensing applications, Techcon robots provide total control over fluid placement, from beads, arcs and circles to repeated timed dots. Programming is simple via teach pendant.

From a general assembly manufacturer looking to automate an existing dispensing application to an engineer designing a production process from scratch, Techcon dispensing robots offers unsurpassed value in automated precision fluid dispensing.

Key Features & Benefits

- Easy to program and simple to operate
- Programmable interface via teach pendant
- Fast, increase productivity
- Compatible with all Techcon syringes, valves and Jet dispensing systems.
- Suitable for wide range of fluid dispensing applications
- Rugged and reliable construction
- Small footprint
- Available in 3 platforms, from 200mm to 400mm

SPECIFICATIONS

FEATURES		TSR2201	TSR2301	TSR2401
POWER SUPPLY		100V ~ 240V AC		
POWER CONSUMPTION		80W		
MOTOR		2-phase stepper		
MECHANISM		Z = Lead Screw; X & Y = Bell		
NUMBER OF CONTROLLABLE AXES		3		
MOVING RANGE	X AXIS	200mm	300mm	400mm
	Y AXIS	200mm	300mm	400mm
	Z AXIS	100mm	100mm	100mm
SPEED RANGE	X / Y AXIS	0.1 ~ 600 mm/sec		
	Z AXIS	0.1 ~ 200 mm/sec		
REPEATABILITY ACCURACY	X / Y / Z AXIS	0.02mm		
RESOLUTION	X / Y / Z AXIS	0.01mm		
LOADING WEIGHT	TOOL	5 Kg	7 Kg	7 Kg
	HEAD	2 Kg	4 Kg	4 Kg
STORAGE FOR PROCESSING FILES		Max. 255 Files		
WORKING AMBIENT	TEMPERATURE	0 ~ 40°C		
	RELATIVE HUMIDITY	20% ~ 90% (no condensation)		
DIMENSION (W x D x H)		303 x 377 x 521 mm	418 x 513 x 521 mm	518 x 613 x 521 mm

Typical Applications

- Dispense dots of solder paste
- Form-in-place gasket
- Filling
- Potting
- Encapsulation
- Bonding
- Coating

For Sales & Support

Call (800)401-1441

or

visit www.dispensing.com

Light Beam safety cover for each model is available:

- TSR2200-SC = Safety cover for TSR2201
- TSR2300-SC = Safety cover for TSR2301
- TSR2400-SC = Safety cover for TSR2401