

TSR2201 Series Benchtop Dispensing Robot

Activators

Anaerobics

Cyanoacrylates

Silicones

Solvents

Primers

UV-cure

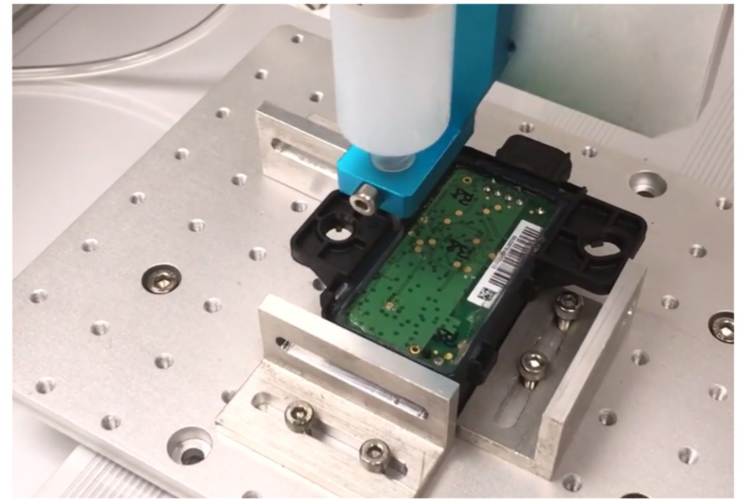


Even complex program patterns can be developed quickly using the simple point to point teach pendant. Dispense adhesive direct from syringes or optional metering valves and pressure pots. With fast indexing speeds, high accuracy and simple programming; robots are an ideal solution for most dispensing applications in a 200mm x 200mm work area. CE approved. Advanced features include work pattern array copy, end of cycle brush or wipe mode and slope dispensing.

The TSR2201 series of robots are designed to apply rapid dots, beads, arcs, circle and potting deposits to products placed on the base plate. The overhead gantry indexes into position to make the required deposit without mess, waste or guesswork.

The robots are programmed via the LCD electronic teach pendant and saved to memory. The robust robots will dispense most assembly fluids including epoxies, PU's, glues, CA's, silicones, RTVs, oils, greases, adhesives, inks, gels, primers & activators.

Each robot is supplied with a teach pendant, digital controller dispenser, syringe barrel mount bracket, component kit. Easy to mount optional valves or sealant cartridge retainers.



Features

- Dispense liquids and pastes in dots, lines, or arcs
- Repeatability of +/- 0.02 mm
- Powerful on-board 32 bit processor
- Safe operation via area sensor & interlock capability
- Easy to program via teach pendant
- Continuous path motion for perfect dispensing
- Storage of up to 255 programs



Adhesive Dispensing Ltd

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Features		TSR2201
Power Supply		100V ~ 240V AC
Power Consumption		80W
Number of Controllable Axes		3 axis
Moving Range	X axis	200mm
	Y axis	200mm
	Z axis	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
	Head	2 Kg
Storage for Processing Files		Max. 255 files.
Working Ambient	Temperature	0~40°C
	Relative Humidity	20%~90% (no condensation)
Dimension (W×D×H)		303x377x521 mm

