

TSR2301 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 300mm x 300mm work area. 100mm up/down height.

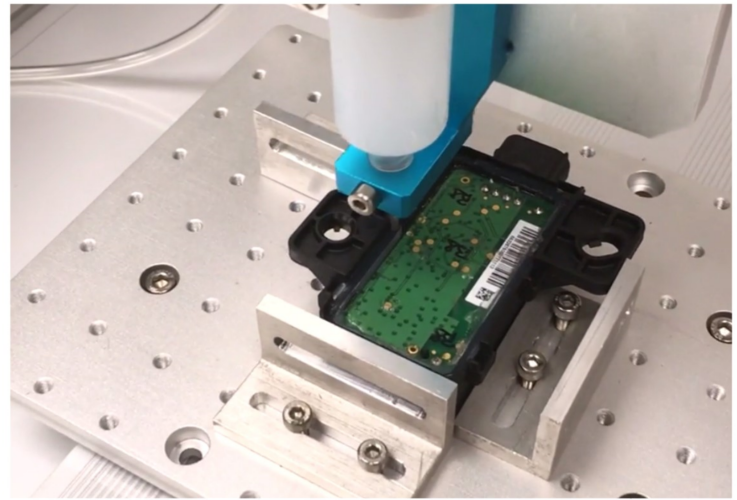
Advanced features include work pattern array copy, end of cycle brush or wipe mode and angled slope dispensing.

CE approved with a 1 Year warranty.

The TSR2301 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



Features		TSR2301
Power Supply		100V ~ 240V AC
Power Consumption		80W
Number of Controllable Axes		3 axis
Moving Range	X axis	300mm
	Y axis	300mm
	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	7 Kg
	Head	4 Kg
Storage for Processing Files		Max. 255 files.
Working Ambient	Temperature	0~40
	Relative Humidity	20%~90%
Dimension (W×D×H)		418×513×521 mm

