

TS250 Timed Shot Dispenser

Apply adhesives, sealants, silicones, glues, inks, gels, pastes, primers, solvents, more...



The TS250 provides consistent repeat deposits for applying watery liquids through to high viscosity pastes. Designed for a smaller footprint on the work bench. Used for applying small dots and controlled beads of materials direct from industrial syringe barrels and cartridges or can be used as a more basic pneumatic valve controller as it includes an I/O port ready to receive a 5-24V DC signal for remote actuation. Includes a footswitch for operator control.

Timer knob can be adjusted to set the deposit size required. An adjustable 0-100 PSI air pressure regulator and gauge is used to control the material flow for most materials or use the TS255 version with 0-15 PSI air pressure for watery liquids only. Features an adjustable vacuum suck-back function to ensure low viscosity liquids do not drip between deposits and ensure gels do not ooze. A resettable shot counter displays the number of deposits made.

Dual voltage allows this machine to be used globally without the need for additional equipment. Supplied ready to use with a choice of barrel sizes and barrel colours and a selection of dispensing tips designed for applying reactive adhesives, particle filled pastes and aggressive solvents.

CE certified quality dispenser known for reliability and with digital display for improved process control. Standard adapter assembly quick-connect tube attachment. Boxed with power adapter, airline hose and connector, foot switch, syringe barrel bench holder, barrel adapter assembly, syringe barrels, wiper pistons, barrel seal caps, tip selection, user guide.

Specification

Timer: 0.08 to 60 seconds Adjustable
Output Pressure: 0- 100 psi (TS250), 0-15 psi (TS255)
Input Pressure: 80-100 psi
Vacuum: Venturi Suck-Back Adjustable
Size: 152 x 165 x 178mm
Weight: 1.2kg
Input Voltage: 100-240 V AC 50/60 Hz
Warranty: 1 Year
Cycle Rate: Up to 600 cycles/minute
Timing Tolerances: +/- 0.1%
Meets or Exceeds: CE, RoHS, WEEE
Commodity Code: 90282000
Brand: TSI

Key Features:

- Universal power supply for worldwide use
- Digital display for accurate control of shot sizes
- Easy to use adjustable timer and air regulator
- Vacuum suckback stops ooze between cycles and dripping
- Electric footswitch provided
- Rear I/O port for automated applications
- Small footprint design and robust build quality
- Can be used to control metering valves with a pressure pot
- Supplied ready to use with a starter kit

Part number Description

TS250	Dispenser, 0 to 100 PSI Air Pressure Output
TS255	Dispenser, 0 to 15 PSI Air Pressure Output

** With low viscosity liquids, order part 881-000-000. This trap is placed in the adapter hose to prevent liquid suck-back from syringe barrel into the dispenser.

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Air-powered timed shot dispensers are the perfect assembly tool for accurate deposits of liquids and pastes. Simple to use and built to last. Much faster to apply materials than manual bottles, brushes, tooth picks, hypodermic syringes, swabs. The TS250 will reduce material usage, eliminate mess and prevent over or under application of assembly fluids. Air power requires no effort from the operator and so the TS250 dispenser will eliminate hand fatigue associated with manual dispensing methods.



The TS250 dispenser can be used with industrial syringe barrel sizes 3cc, 5cc, 10cc, 30cc and 55cc, in clear, amber or black colours. Supplied with 10cc as standard. New big barrel assemblies offer 100cc, 200cc, 300cc, 400cc and 500cc sizes for making larger deposits of materials and less change over. Or use the 2.5oz, 6oz, 8oz, 10oz, 20oz or 32oz size cartridges and plungers with air retainer kit.

TS250 dispensers are supplied ready to use with power adapter, airline hose, airline fittings kit, electric foot switch, bench barrel holder, 10cc barrel/ piston starter kit, 10cc adapter assembly 3 ft. long, assorted tip kit, user guide.

Solvents, Activators, Alcohols, Anaerobics, Braze Pastes, PVA Glues, Cyanoacrylate Adhesives, Inks, Solder Pastes, Fluxes, Silicone Sealants, UV Cure Adhesives, Epoxy Resins, Thermal Compounds, Lubricants, SMT Adhesives, Conformal Coatings, Solder Masks, Contact Glues, Potting Compounds, Jointing Compounds, PU Adhesives, Copper Grease, RTVs, Solvent Weld, Doming Resins, Acrylics, Rubber Cement, Grease, Vaping Liquids, UV Lacquer and many more assembly fluids.



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