

Pneumatic Benchtop Dispenser

Timed shot with steady mode and timer memory



The AD1001 provides consistent repeat deposits when applying watery liquids through to high viscosity pastes and is used as an assembly device when sticking, bonding, coating, sealing and repairing parts for assemblers and manufacturers. Ideal for applying dots and controlled beads of adhesives, gels, pastes, silicones, sealants, epoxies and lubricants direct from industrial syringe barrels and cartridges.

Timer can be adjusted to accommodate the deposit size required from making a microdot to a large deposit. There is a timer memory so up to 9 sequences can be saved and retrieved at any time. This system features a self cycling action mode. Set the shot time and then set the self cycling duration. Once pressed, the self timer will dispense each time without having to repeat press the foot pedal. Great for automated applications or where lots of dots are made and pressing the pedal is not desirable.

An adjustable 0-100 PSI air pressure regulator and gauge to control the flow for most materials from liquids to pastes. With an adjustable vacuum suck-back function to ensure low viscosity liquids do not drip between deposits or gels do not ooze. A shot counter displays the number of deposits made. The display can show timer, air pressure in PSI, BAR or MPa. The teach timer function saves time setting up a new application.

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 barrel adapter assembly quick-connect tube attachment type. Boxed with power adapter, airline hose and connector, foot switch, finger switch, syringe barrel bench holder, barrel adapter assembly, syringe barrels, wiper pistons, barrel seal caps, tip selection, user guide.

Specification

Timer: 0.01 to 99.99 seconds adjustable
Output Pressure: 0- 100 psi
Input Pressure: 80-100 psi
Vacuum: Venturi Suck-Back Adjustable
Size: 220 x 210 x 67mm
Weight: 1.59kg
Input Voltage: 100-240 V AC 50/60 Hz
Warranty: 2 Years
Cycle Rate: Up to 600 cycles/minute
Timing Tolerances: +/- 0.1%
Meets or Exceeds: CE, RoHS, WEEE
Commodity Code: 90282000
Brand: Adhesive Dispensing Ltd

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 and electric finger switch provided
- Self cycling timer 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

AD1001 Dispenser, 0 to 100 PSI Air Pressure Output

*** With low viscosity liquids, order part 1400-FLT. This trap is placed in the adapter hose to prevent liquid suck-back from syringe barrel into the dispenser.*

AD1001 Timed Shot Dispenser

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 AD1001 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 AD1001 dispenser will eliminate hand fatigue associated with manual dispensing methods.



Website Page



The AD1001 dispenser can be used with syringe barrel sizes 3cc, 5cc, 10cc, 30cc and 55cc, in clear, amber or black colours. Supplied with 30cc 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.

AD1001 dispensers are supplied ready to use with power adapter, air hose, airline fittings kit, electric foot switch, finger switch, bench barrel holder, 30cc barrel/ piston starter kit, 30cc 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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