# Air Powered Syringe Dispensers

Solvents Gels Silicones Grease Epoxies Adhesives Sealants Oils Coatings Glues...

Air-powered dispensers with adjustable timers to make repeat deposits of watery liquids to thick pastes. Set the air pressure to suit flow rate and fluid viscosity, set the timer from small spot to larger shot. Use vacuum to prevent drips of watery liquids. Press the foot switch to activate, hold the barrel like a pen. Fast shots with no mess, waste or adhesive fumes.



Bench top, air-powered dispensers for most adhesive and paste applications. Featuring an adjustable 0-100 psi air regulator for setting flow rates when dispensing most low, medium and high viscosity materials. A low pressure 0-15 psi version is available for dispensing very watery liquids, cyanoacrylates or solvents. All air powered dispensers use a three way air valve for quick shut-off or air to prevent fluid oozing from the tip when the foot pedal is released. Fast shut-off each time.

The operator controls deposit output using steady mode for making beads or potting or they use an adjustable timer for making repeated dots. Dispensers are suited to the controlled application of fluids, adhesives, RTVs, grease, gels, epoxies, silicones, pastes, inks, primers, potting compounds, solder pastes fluxes and so many other assembly fluids. Supplied ready to use with accessories, barrels and tips.

## Analog Timed Dispensers



### ADL100 Timed Air Dispenser with Vacuum Suck-Back



Air Output: Air Input: Timer: Timer Display: Power: Cycle Initiate: Timer Repeatability: Timer Frequency: Dimensions: Weight: Standards: Warranty: 0-100 PSI 80-100 PSI 0.01 to 30 Seconds (Adjustable) n/a 220V AC Foot switch or finger switch +/- 5% Up to 550/minute 235 x 225 x 64mm 2.2kg CE approved 1 Year

### ADL810 Small Shot Timed Air Dispenser with Vacuum Suck-Back



Robust Design Ideal for small dots With 30cc Barrel Kit Air Output: Air Input: Timer: Timer Display: Power: Cycle Initiate: Timer Repeatability: Timer Frequency: Dimensions: Weight: Standards:

0-100 PSI 80-100 PSI 0.02 to 5 Seconds (Adjustable) n/a 220V AC Foot switch or finger switch +/- 5% Up to 600/minute 195 x 216 x 60mm 2.5kg CE approved

### **Dual Voltage Timed Air Dispenser with Vacuum Suck-Back**



Dual Voltage 2 Year Warranty Traditional Design Choice of Barrel Size

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Air Output: Air Input: Timer: Timer Display: Power: Cycle Initiate: Timer Repeatability: Timer Frequency: Dimensions: Weight: Standards: Warranty: 0-100 PSI 80-100 PSI 0.01 to 30 Seconds (Adjustable) n/a 220V AC Foot switch or finger switch +/- 5% Up to 600/minute 210 x 241 x 70mm 2.2kg CE approved 2 Years



### **1000T Timed Air Dispenser with Vacuum Suck-Back**



LED Display Teach Timer Mode Choice of Barrel Size Air Output: Air Input: Timer: Timer Display: Power: Cycle Initiate: Timer Repeatability: Timer Frequency: Dimensions: Weight: Standards: Warranty: 0-100 PSI 80-100 PSI 0.01 to 99.99 Seconds (Adjustable) LED 220V AC Foot switch or finger switch +/- 0005% Up to 600/minute 246 x 145 x 65mm 2.9kg CE approved 1 Year

### AD1001 Advanced Timed Air Dispenser with Vacuum Suck-Back



Air Output: Air Input: Timer: Timer Display: Power: Cycle Initiate: Timer Repeatability: Timer Frequency: Dimensions: Weight: Standards: Warranty: 0-100 PSI 80-100 PSI 0.01 to 99.99 Seconds (Adjustable) LCD 110/ 220V AC Foot switch or finger switch +/- 0005% Up to 600/minute 220 x 210 x 67mm 3.5kg CE approved 2 Years

### TS250 Timed Air Dispenser with Vacuum Suck-Back

Dual Voltage Shot Counter I/O Rear Connector Compact Footprint

B



Air Output: Air Input: Timer: Timer Display: Power: Cycle Initiate: Timer Repeatability: Timer Frequency: Dimensions: Weight: Standards: Warranty: 0-100 PSI 80-100 PSI 0.02 to 60Seconds (Adjustable) LCD 110/ 220V AC Foot switch or optional finger switch +/- 001% Up to 600/minute 152 x 165 x 178mm 1.2kg CE approved 1 Year

## **Digital Timed Dispensers**



### TS255 Low Pressure Timed Air Dispenser with Vacuum Suck-Back



Low Pressure Gauge Dual Voltage For Watery Liquids Air Output: Air Input: Timer: Timer Display: Power: Cycle Initiate: Timer Repeatability: Timer Frequency: Dimensions: Weight: Standards: Warranty: 0-15 PSI 80-100 PSI 0.01 to 60 Seconds (Adjustable) LCD 110/ 220V AC Foot switch or optional finger switch +/- 0001% Up to 600/minute 152 x 165 x 178mm 1.2kg CE approved 1 Year

### TS350 Advanced Timed Air Dispenser with Vacuum Suck-Back



Air Output: Air Input: Timer: Timer Display: Power: Cycle Initiate: Timer Repeatability: Timer Frequency: Dimensions: Weight: Standards: Warranty: 0-100 PSI 80-100 PSI 0.008 to 60 Seconds (Adjustable) LCD 110/ 220V AC Foot switch or optional finger switch +/- 0001% Up to 600/minute 152 x 165 x 178mm 1,2kg CE approved 1 Year

### TS355 Low Pressure Advanced Timed Air Dispenser with Vacuum Suck-Back

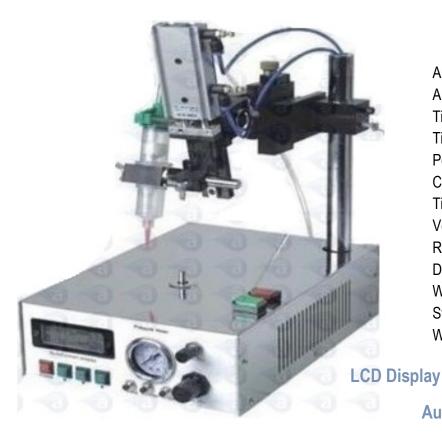


Low Pressure Gauge Dual Voltage I/O Rear Connector Teach Timer Mode Timer Memory Compact Footprint For Watery Liquids Air Output: Air Input: Timer: Timer Display: Power: Cycle Initiate: Timer Repeatability: Timer Frequency: Dimensions: Weight: Standards: Warranty: 0-15 PSI 80-100 PSI 0.02 to 60Seconds (Adjustable) LCD 110/ 220V AC Foot switch or optional finger switch +/- 001% Up to 600/minute 152 x 165 x 178mm 1.2kg CE approved 1 Year



## **Rotary Table**

### ADL-300 Syringe Timed Air Rotary Table Dispenser with Vacuum Suck-Back



Air Output: Air Input: Timer: Timer Display: Power: Cycle Initiate: Timer Repeatability: Vertical Travel: Rotation Speed: Dimensions: Weight: Standards: Warranty: 0-60 PSI 70-100 PSI 1 to 30 Seconds (Adjustable) LCD 220V AC Foot switch +/- 5% Up to 50mm 0-300 RPM 215 x 310 x 85mm (base unit) 7kg CE approved 1 Year

#### Adjustable Rotation

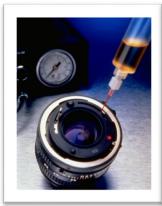
#### **Auto Indexing**

**Low Cost Automation** 

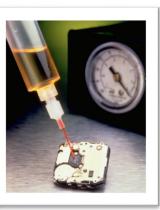
The ADL-300 is bench top rotary dispensing station for applying adhesives, fluids, silicones and pastes to circular components under 150mm in diameter. This rotary table provides an efficient method of dispensing a pattern onto circular products. The tilting Z-axis allows controlled rotary dispensing on an angle if required.

The ADL-300 dispenses adhesives, silicones, grease and lubricants and is fully adjustable in rotation speed, circle diameter and dispensing time. Dispense from 30cc or 55cc sized barrels mounted on the Z-axis. The Z-axis tilt is easily adjusted to dispense either on a vertical wall within a cylindrical part or on an outside wall. The system will spin the part, index down and dispense to a required time. The head then indexes back into position after fluid is applied. The speed of index can be adjusted.

A built-in vacuum suck-back is designed for watery liquids. This is a stand alone dispensing station requiring only power and air. Supplied with 30cc and 55cc barrels, pistons, caps as well as a full precision tip kit. (The circular mounting plate is made by customer to suit products).







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