



## Epoxy – Resin Dispensing Machine

The standard machine has ratio capability over the range of 100:10 to 100:100. The ratio can be easily changed by just replacing the old cylinders. The machine is capable of dispensing materials having capacity from 5 grams to 70 grams over a cycle. The machine comes with the feature of automatic actuation for external dispensing valve along with static mixing. There is also a provision made for dynamic mixing of two components by means of electrical actuator. The Cycle can be easily actuated by foot switch or external relay output. The system is provided with the facility of rapid priming along with compatibility with materials like water to paste (Low viscous to highly viscous materials) Standard reservoirs are available for material storage. Reservoirs can be customized as per customer requirements. The operating conditions are 415 VAC (All internal circuits with 24 V) & pneumatic pressure of 5-7 kg/cm<sup>2</sup> for all pneumatic components.

### Features:

- Positive displacement with fix metering unit.
- Adaptable to wide range of external fluid reservoir.
- Volumetric shot control, Cycle status indication.
- Mixing ratio (Fixed ratio): As per material specifications.
- Low voltage, electronically controlled pneumatic operation.
- Fully interlocked microprocessor controlled operation.
- Mixing head design to homogeneously mix & dispensed the two components.
- Automatic two way positive dispensing flow directional valves for maintaining accurate ratio.
- Fixed ratios available over a 1:1 to 100:10 over range provide precise ratio control – ratios can be changed with interchangeable cylinders.
- Standard 4 position field adjustable volume allows each of 4 different size shots to be dispensed with  $\pm 2\%$  repeatability.
- Built in external valve interface allows simple operation of remote valving (any type weather 2 way)
- Full Volume purge/prime system allow purging or priming without disturbing preset volumes.



### Specifications:

- Ratio variation: from 100:10 to 100:100.
- Tank Size: standard capacity tanks & custom tanks.
- Shot size : Designed for Fixed quantity ( from 2 gram to 50 gram )
- Flow Rate : Vary with the shot size.

## Company's Product List

### Single Component Dispensing Machines

- Liquid Glue Dispenser
- Grease Dispensing Machine
- Rotary Table Dispensing Machines
- Anaerobic Adhesive Dispensing Machine
- Reservoir Tanks
- Oil Filling Machine
- Dispensing valve
- Digital Alfa Dispenser
- Rotary Tube Dispenser

### Two Component Dispensing Machines

- Fix Ratio Piston Type Metering
- Variable Ratio Gear Type Metering

### Special Purpose for Dispensing & Coating Machines

- Rotary Table Dispensing Machines
- Oil Dispensing and Filling Machine
- Front Fork Oil Filling Machine
- Fasteners & Screws Coating Machine
- Epoxy Insulating Powder and Paint Coating Machine
- Belt and Roller Conveyors
- Liquids Mixing Systems
- Drum Mixing Systems
- Vacuum Sealing Machine
- Vacuum Chamber
- Heating Oven
- Heating Conveyor Oven
- Electronics Testing Equipments
- Pneumatic Press for Number Punching
- Laser and Inkjet Printing Belt Conveyors
- Multi Head Drilling and Tapping Machine
- Aluminum Extruded Assembly and Works Tables
- Chamfering Machine
- Automatic Drilling Machine
- Tapping Machine
- Oil spraying Machine

## Company's Customers

