

Relius™ Solvent Coating Dispenser

The fast, efficient way to apply consistent amounts of solvent to tubing and cylindrical components



The Relius Solvent Coating Dispenser is a compact, pneumatically operated system that makes it simple to apply accurate, repeatable amounts of solvent to tubing, fittings and other cylindrical components.

The Relius Solvent Coating Dispenser provides a fast, neat alternative to dipping components in solvent and blotting off the excess—simply insert the component into the applicator orifice to automatically coat the ID, OD or both surfaces with the correct amount of solvent.

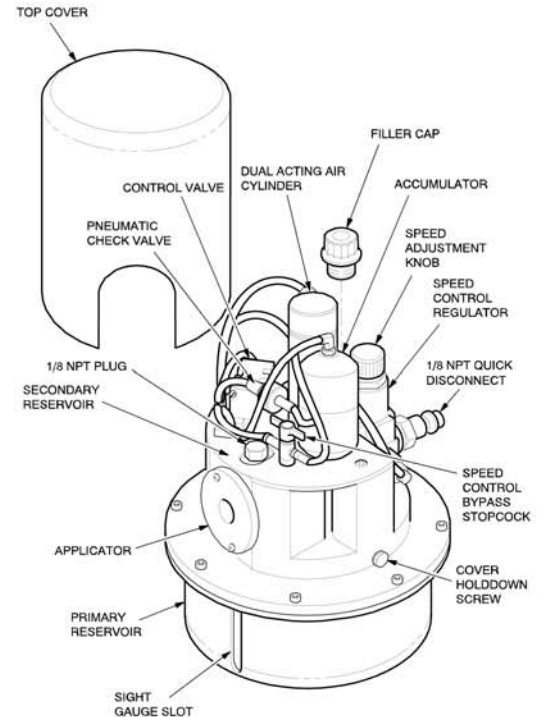
Benefits include:

- Greater process control
- Faster throughput, higher yields
- Coats ID, OD or both surfaces simultaneously
- Better product reliability and appearance
- Makes coating process less operator-dependent
- Eliminates solvent contamination and waste
- Fast changeover for different products
- Closed tank reduces vapors
- Pneumatic operation reduces explosion hazard
- Ideal for benchtop, semiautomated and fully automated processes
- Can also be used for silicone oils



Specifications

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| Power Requirements: | 60-90 PSI (4.2-6.3 kgf/c M2) regulated clean, dry air supply |
| Pneumatic Coupling Supplied: | Quick disconnect male plug, 1/8" male NPT standard (ISO 1/8 28 7/1) |
| Air Consumption: | 7.2 cc (.44 cu. in) /stroke : .0125 cu meters .46 cu. ft) /hr @ maximum recommended speed |
| Compatible Solvents | Cyclohexanone Dichloroethane Dichloromethane Dimethylformamide (DMF) Dimethylsulphoxide Ethylacetate Isopropyl Alcohol Methylethyl ketone (MEK) Tetrahydrofuran (THF) Trichloroethane |
| Operating Temperature Range | 10°C to 46° (50°F to 115°F) |
| Dispensing Length Range | Up to 25.4 mm (1 inch) |
| Dispensing Surface Range | External Surface: 1.5 mm-20.6 mm (.060"-.812") Internal Surface: 2.0 mm-19.0 mm (.080"-.750") OD/ID Surface: 3.1 mm/2.0 mm-20.6 mm/19.0 mm (.120"/.080"-.812"/.750") |
| Pump Displacement | .85 cc |
| Maximum Recommended Speed | 30 Strokes per minute |
| Minimum Recommended Speed | 2 Strokes per minute |
| Solvent Volume Applied | Dependent on component size, length of dispensing, and pump speed |
| Size | 26.0 cm high x 19.7 cm diameter (10.2" x 7.8") |
| Weight (dry) | 3.7 kg : 8.2 lbs. |
| Maximum Solvent Capacity (Usable Volume) | 1.0 liters |
| Construction | Anodized aluminum, stainless steel, PTFE, Delrin®, UHMW polypropylene, nickel plated brass |
| National Electrical Code Conformance | Not applicable |



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