

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:

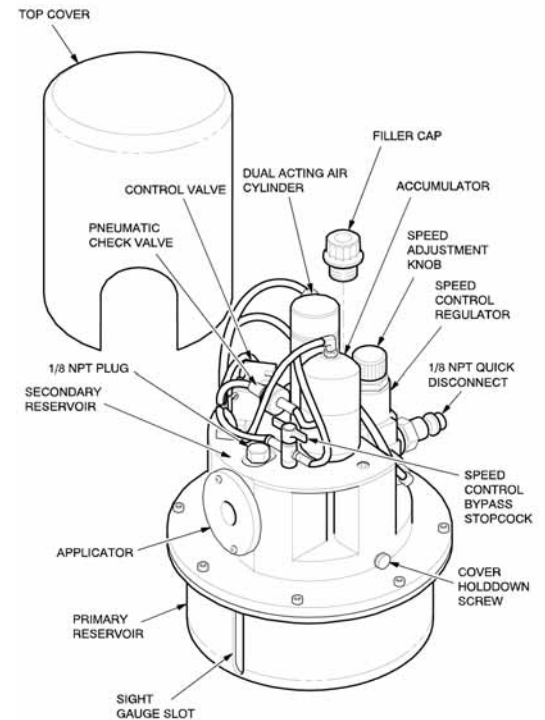
- Greater process control
- Faster throughput, higher yields
- Coats ID, OD or both surfaces simultaneously
- Better product reliability and appearance
- Makes coating process less operator-dependent
- Eliminates solvent contamination and waste
- Fast changeover for different products
- Closed tank reduces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

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 Sales and service of EFD® dispensing systems are available worldwide.



Specifications

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 Methyl ethyl 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



For EFD sales and service in over 30 countries, contact EFD or go to www.efd-inc.com/contact

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