

RV5000DPM

Positive Displacement Rotary Valve



The RV5000DPM valve is designed for continuous operation where cleaning or refurbishment of a valve is not desirable. A disposable Delrin® auger screw is accessed through a hinged doorway and can be quickly replaced in seconds.

The RV5000DPM allows for easy maintenance and is suitable for abrasive materials and two-part fluids. Removing and replacing the auger maintains the valve's accuracy and increases the life of the valve by providing less wear-and-tear on the motor. Three versions of the valve are available, 6, 8 and 16 pitch.

Features

- Solder paste dispensing
- Microshots 0.010"
- Abrasive materials
- Replaceable wetted feed path
- Motor reverse capability

Models

RV5000DPM	Rotary valve
RV5000DPME	Rotary valve w/ encoder

Sales & Support

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Specifications

Minimum shot size:	0.020"
Fluid delivery pressure:	30psi maximum
Viscosity:	30,000-1,300,000cps
Wetted part materials:	Delrin, Nylon, Viton
<i>Connecting ports</i>	
Material Inlet:	Female luer lock
Material Outlet:	Male luer lock
Motor:	24V
Motor voltage:	6-Watt, 400 RPM (no load)
Mounting:	1" body channel
Size:	1.45" x 3.6" x 5.88"
Weight:	0.75lbs