

CORA® Model RV-MD

Multi-vane, Rotary Dosing Valve

Dual-Dosing Valve for Precise Powder Feeding



The CORA RV-MD Rotary Dosing Valve is a gravimetric dosing solution that combines high-speed bulk feeding with precise micro-dosing of powders and granules. The dual dosing system features a rotor for controlled feeding and a screw conveyor (auger) with independent motion giving you full control over the flow. The RV-MD guarantees accurate portioning into bags, drums, and containers, making it ideal for packaging lines, bins, bags, processing lines and controlled production environments.

FEATURES:

- Designed for precise micro-dosing of product
- Dual Dosing System:
 - Primary rotor ensures continuous product flow
 - Screw auger ensures accurate dosing
- Handles a wide variety of powder and granule types
- Specifically designed for stringent FDA & USDA sanitary requirements
- Easy to detach, disassemble and thoroughly clean

CONSTRUCTION/FINISH:

- AISI 316L Stainless Steel contact parts
- #7 mirror finish (Ra=20u-in) on product contact surfaces
- #4 finish on external surfaces (Ra=50u-in)
- Seals: Translucent silicone, EDPM, FKM, Conductive EPDM
- cGMP compliant with FDA CFR 21, 177.2600

MOTION DRIVE:

- Pneumatic actuator (main rotor)
- Pneumatic actuator or electric motor (auger screw)

AVAILABLE SIZES:

- 6" (150mm), 8" (200mm)



LOOK TO KEY INTERNATIONAL FOR:

PROCESSING EQUIPMENT: Capsule Checkweighers - Capsule Fillers - Capsule Polishers - High Shear Mixers & Granulators - Homogenizers - Metal Detectors - Rotary Tablet Presses - Tablet & Capsule Inspection - Tablet Coaters - Tablet Dedusters - Tablet Friability Testers - Tablet Hardness Testers - CORA Butterfly Valves

PACKAGING EQUIPMENT: Blister Packaging - Bottle Cappers - Bottle Fillers - Bottle Inserters - Bottle Unscramblers - Cartoners - Form/Fill/Seal Pouch Fillers - Single Dose Pre-formed Plastic Shells - Stick Pack Packaging - Suppository Systems - Tablet & Capsule Counters - Tube Fillers