

APPLICATIONS

- **AgriTech** – Fruit Sorting and Grading, Livestock Feed Distribution
- **Pharmaceutical** – Tablet Disintegration Testing, Powder Flow Control, Mixing and Blending, Dosing and Packaging
- **Food & Beverage** – Ingredient Dispensing, Powder and Granule Handling, Sieving and Screening, Conveying and Packaging
- **Mining Tech** – Material Flow and Discharge, Ore Separation and Sorting, Screening and Sizing, Bin and Silo Discharge, Dust Suppression

SPECIFICATIONS

- **Microcontroller:** 8051 for precise control
- **UL Listed:** Ensures compliance with safety standards
- **Manual Switch:** For easy testing of the vibration system with sequence
- **Enclosure:** NEMA-4 rated sheet metal box for durability and protection
- **Cost-Effective:** Low cost and readily available in stock
- **Model:** MPS1-VIB-5#RLY
- **Low-Level Feature:** Built-in functionality to prevent vibration when not required

Pneumatic Vibrator (PV) with Control Panel(CP)

KEY FEATURES

- Air-Operated Linear Motion Inducers
- Heavy-duty design with gas nitrided pistons and precision VMC machining
- Instant starting and reduced friction for maximum power
- Available in hammer action or air-cushioned variants
- Sizes: 2" and 2.5" diameter
- Output forces: 20KN and 32KN
- Continuous operation or cycle capability
- Microcontroller repeat cycle controller for precise cycle programming
- Manual or automatic system activation
- Conditioned input air required for proper operation
- Use of filter, regulator, and lubricator assembly for air pressure conditioning and control
- Input air pressure regulates operating frequency and impact force.



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