



APS TECHNOLOGY AUSTRALIA

*Pneumatic Vibrators for  
bulk dislodging*

**APS TECHNOLOGY  
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## PNEUMATIC VIBRATORS

This has proved effective for a wide range of applications. Most commonly used on hoppers and silos to maintain the flow of materials, industrial vibrators offer an economical method of generating vibrations when required.



## APPLICATIONS

- Chemical Plants: To controlled flow of ingredients to mixing tanks.
- Foundries: For the addition of binders and sand processing systems.
- Ceramic Industries: For controlled ingredients in batch processing.
- Pulp and Paper Industries: Chemical additives feeding in batch processing.
- Metal: Feeding metal parts to heat treating furnace.



Designed and developed by APS Technology Australia.  
Specification subject to change without notice.

## FEATURES



Piston Vibrators / Impactors air operated, linear motion inducers. Our heavy-duty design, Gas Nitrided pistons and precision VMC machining assure instant starting and reduced friction for maximum power. Piston Vibrators are available as hammer action or air cushioned, with sizes from 2" & 2.5" diameter with output forces 20KN & 32KN.

Piston Vibrators can run continuously or be cycled. Our Micro controller Repeat Cycle Controller provides precise cycle programming which can be activated manually or connected to an automatic system. Close tolerance internal parts of Piston Vibrators and Impactors require conditioned input air to operate properly. A filter, regulator and lubricator assembly should be used for conditioning and controlling air pressure. Input air pressure regulates the operating frequency of Piston Vibrators and the impact force of Impactors.

## SPECIFICATIONS

- Atmel 89c2051 micro controller
- UL listed
- Manual switch To Test Vibration system with sequence
- Available in NEMA-4 sheet metal box
- Low Cost - Ex stock available
- Model : MPS1-VIB-5#RLY
- Built In Low\_Level for no Vibration gives Possible Air Saving Feature (At extra cost)