

INTRODUCING

FEEDRkon

Frequency Controlled Vibratory Feeder Controller

Precision Vibration Control for Consistent Feeding

Designed for electromagnetic vibratory bowl feeders, linear feeders and automated parts-feeding systems.



KEY FEATURES



Faster Feeder Setup & Commissioning

Electronic frequency adjustment reduces the need for time-consuming mechanical spring tuning.



Quieter Feeder Operation

Sinusoidal output current helps minimize electromagnetic and mechanical noise.



Mains-Independent Frequency & Amplitude Control

Fine-tune vibration characteristics to suit different feeder designs.



Consistent Feed Rate Despite Voltage Fluctuations

Maintains steady material feeding despite $\pm 10\%$ variations in AC mains voltage.



Soft Start / Stop

Adjustable ramp-up and ramp-down for controlled feeder operation.



PLC-Compatible Control

0–10 V external amplitude setting, remote start/stop and optional RS-485 communication.



Built-in Electrical Protections

Over current and over voltage protection.



Easy Digital Operation

Digital display and keypad for convenient parameter adjustment.

TYPICAL APPLICATIONS



Vibratory Bowl Feeders

Controlled feeding and orientation of components for automated assembly lines.



Linear Vibratory Feeders

Smooth, consistent component transfer along linear feeding tracks.



Vibratory Hopper Feeders

Adjustable material discharge and feeder replenishment.



Packaging & Assembly Machines

Component feeding for automated sorting, positioning, and packaging systems.



Weighing & Dosing Systems

Controlled material dispensing through adjustable vibration intensity.

TECHNICAL HIGHLIGHTS

OUTPUT FREQUENCY

30–140 Hz

RATED OUTPUT CURRENT

6 A

EXTERNAL AMPLITUDE CONTROL

0–10 V DC

AC SUPPLY VARIATION

230VAC, $\pm 10\%$