



Connection
S Y S T E M S



Magnetic Separator

Data Sheet



Magnetic Separators

Our range of magnetic separators are designed to be clamped in powder processing lines for the removal of ferrous debris within the product as it flows over the magnet tubes.

Designed to pharmaceutical hygiene standards with fully enclosed magnet and crevice free construction. Single or multi-row arrangement of magnetic tubes to achieve cascade effects.

High intensity rare earth magnets fully enclosed in stainless steel housing.

Designed with flanges to allow permanent clamping into process line or to receive flexible couplings when vibration required.

Can be fitted with Vibrator to assist powder flow. (Model with Vibrator shown in photographs).

Magnets can be permanently mounted within spool piece (as shown) or on a removable frame to make cleaning simpler.

Diameters and magnet sizes adjustable to suit application.

Technical Details

Magnet strength:	10000 Gauss
Magnetic grade:	N35 & N45
Temperature range:	-20 to +90°C
Casing Materials:	Grade 316 Stainless steel product contact surfaces Grade 304 non product contact surfaces FDA compliant Epoxy Resins
Standard Finishes:	Bright polish product contact surfaces (Ra0.2µm or finer) External Finish Ra 1.0µm or finer All welds ground and polished
Diameters available:	100, 150, 200, 250, 300, 400
Flange types:	As required
Vibration:	Depends upon unit size

Contact us for further details

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