



PERMAG's magnetic rods are a simple low-cost form of magnetic separation. Thanks to the software aided designs, PERMAG magnetic rods achieve the optimum balance between magnetic strength and holding force.

These rods can be mounted individually, side by side or in multiple row allays.

Our magnetic rods are majorly used in food, pharma, dairy, chemical and plastic processing industry.

We manufacture magnetic rods specifically to the length requested by the customers.

HOW IT WORKS

- PERMAG's magnetic rods are built with very high power RE magnets assembled in SS 304 / 316 tubes. 1" diameter magnetic tubes are designed to create an extremely effective magnetic circuit. These magnetic rods are to be used in gravity free-fall magnetic separation applications. All the ferrous particles like bolts, nuts, chips, damaging tramp iron can be caught and held effectively.
- PERMAG's magnetic rods have smooth surface that is easy to clean. Depending on configuration, rod magnets can be cleaned in seconds by simply pushing the attracted contamination to one end, this will release any attracted contamination.

ADVANTAGES

- Removes very fine ferrous contaminants from bulk material.
- Reduction in downtime and increased productivity
- Removal of Fe content extends life of machines.

TECHNICAL DATA SHEET

- ➔ Magnet Gauss – 3000, 6000, 8000, 10000, 12000 Gauss Powers, variant available in magnetic gauss as per requirement
- ➔ Magnet Used – Nd-fe-b (Rare Earth)
- ➔ Grade – N 52M (Highest Grade)
- ➔ Food grade and sanitary finish available
- ➔ 304 / 316 Stainless Steel is available for corrosive environments

FEATURES

- ▶ 304 / 316 stainless steel, all welded rugged construction
- ▶ Very powerful high grade N52M rare earth magnets
- ▶ Available in 3000, 6000, 8000, 10000, 12000 gauss powers
- ▶ Working temperature grade: 80, 100, 120, 150 degree Celsius
- ▶ Easy to install and zero maintenance required
- ▶ Remove metal upto 30 microns
- ▶ High filtration efficiency
- ▶ Easy to clean
- ▶ Custom size in length & diameter available