Magnetic Rod

ECLIPSE MAGNETICS

At A Glance

- **Protection: Secondary**
- **Material Type: NdFeb**
- **Cleaning Type: Manual**



Our high intensity Rare Earth magnetic rods are extremely efficient at removing ferrous and para-magnetic contamination, down to sub-micron size, from free flowing products including powders and liquids.

Rods are of particular interest to those who wish to incorporate them into their machinery with the minimal amount of engineering.

Each rod is tapped with an M6 thread at both ends as standard for ease of installation, or alternatively without threaded detail or with studs, which can be specified on ordering.

Many sizes are held in stock to allow for same day despatch.

Benefits

- Easy to clean
- Enables flexible design
- Simple to use
- Removes micron sized contaminants

Performance

Magnetic Performance	7000, 9000, 11000 and 12000 Gauss
Performance Reading	On tube surface
Magnet Grade	N35 & N45 – Inspected and confirmed via hysterograph prior to use
Temperature	-20°C / +90°C

Suitability

Suitable Products	All powders, granulates and liquids
Suitable Location	Any process area

Materials

Magnetic Material	Rare Earth Neodymium Iron Boron - (NdFeb)
Tubing	316 grade stainless steel
Other Parts	316 grade stainless steel
Surface Finish	Polished to 0.6µm
Rod End Detail	Tapped M6 x 8mm both ends

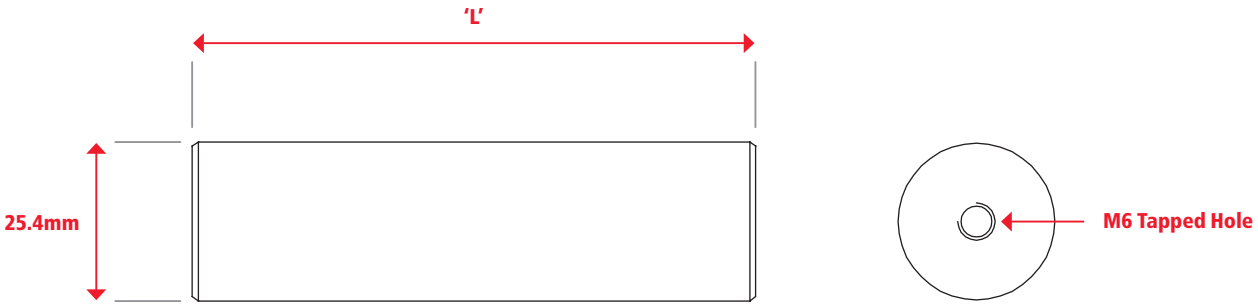
Cleaning

Depending on the configuration, rod magnets can be cleaned in seconds by simply pushing the attracted contamination to one end, this will release it enabling further analysis to be conducted.

Options

- Any thread size and detail
- ATEX certified
- Higher temperature versions available
- Supplied without tapped detail or studded
- Pharmaceutical specification

Magnetic Rod



Part Number	L (mm)	Weight (kg)
SR100	100	0.35
SR150	150	0.53
SR200	200	0.70
SR250	250	0.88
SR300	300	1.05
SR350	350	1.23
SR400	400	1.40
SR450	450	1.58
SR500	500	1.75
SR550	550	1.93
SR600	600	2.10
SR650	650	2.28
SR700	700	2.45
SR750	750	2.63
SR800	800	2.80
SR850	850	2.98
SR900	900	3.15
SR950	950	3.33
SR1000	1000	3.50