Sampling Probe

ECLIPSE MAGNETICS

At A Glance

- Protection: Secondary
- Material Type: Rare Earth
- Cleaning Type: Manual



Our high intensity magnetic sampling probe is ideal for quality control personnel to quickly and easily carry out product purity inspections on any powder, granulate or liquid for ferrous or para-magnetic contamination.

The probe should be used for sample inspection of product at goods inward, prior to despatch and at critical control points throughout the process line for batch testing.

Simply allow the processed product to pass over the magnetic section of the probe or agitate in any static product. Any ferrous or para-magnetic contamination present will be highly visible when concentrated on the probe's surface.

Benefits

- Easy to clean
- Rare Earth 9000 Gauss
- Meets audit requirements
- Simple to use
- Indicates if contamination present
- Removes micron sized contaminants

Performance

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

Suitability

Suitable Products	All powders, granulates and liquids
Suitable Location	Existing sampling points

Materials

Magnetic Material	Rare Earth Neodymium Iron Boron
Tubing	316 grade stainless steel - Aerospace Quality
Other Parts	316 grade stainless steel
Surface Finish	Polished to 0.6µm

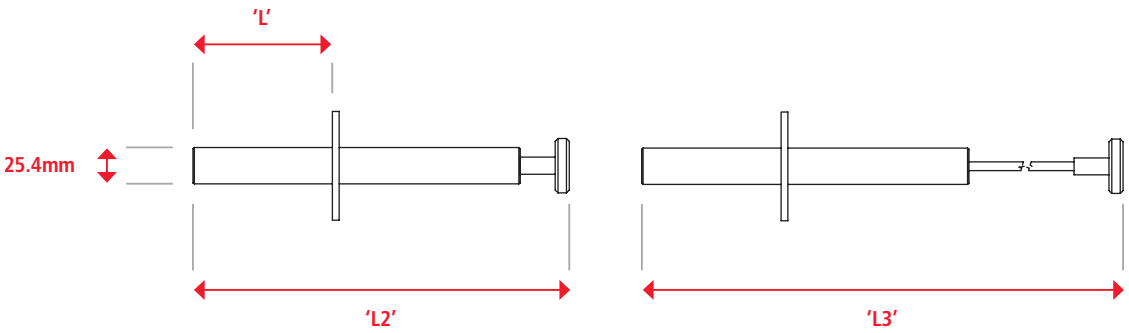
Cleaning

Remove the unit from the sampling area and, while holding the body of the probe, simply pull the rear handle backwards. This will release any attracted contamination enabling further analysis to be conducted.

Options

- Pharmaceutical specification
- High temperature Samarium Cobalt magnetic material (+220°C)
- ATEX certified
- Magnet lengths up to 500mm

Sampling Probe



Part Number	L (mm)	L2 (mm)	L3 (mm)	Weight (kg)
MSP100	100	270	400	0.9
MSP200	200	470	700	1.2
MSP300	300	670	100	1.6