

# Sampling Probe Magnet

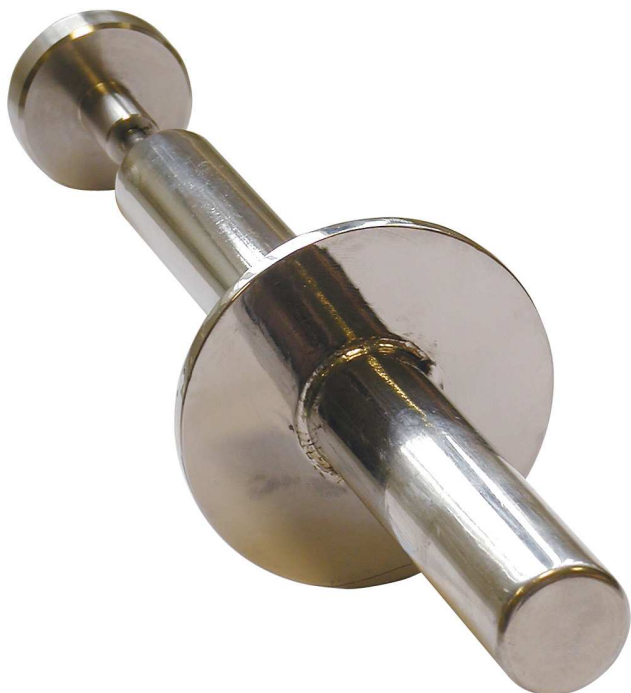
High Intensity – Rare Earth



**ECLIPSE**  
**MAGNETICS**

Data Sheet No 502

## Product Data:-



### **Preface:**

The Eclipse 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 liquids for ferrous or paramagnetic contamination.

The probe should be used for sample inspection of product at inward goods, 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 any static product. Any ferrous or paramagnetic contamination present will be highly visible when concentrated on the probes surface.

### **Cleaning:**

Cleaning can be conducted in seconds. Remove the unit from the sampling area and whilst holding the body of the probe simply pull the rear handle backward, this will release any attracted contamination enabling further analysis to be conducted.

### **Suitable Products:**

Any powders, granulates, liquids, sauces, juices, chocolate etc.

### **Suitable Locations:**

Any existing sampling points or packaged product.

### **Benefits:**

Easy to clean ■ Simple to use ■ Indicates if contamination is present ■ Removes micron sized contaminants ■ Meet audit requirements ■ Rare Earth 9,000 Gauss ■

### **Category:**

Secondary.

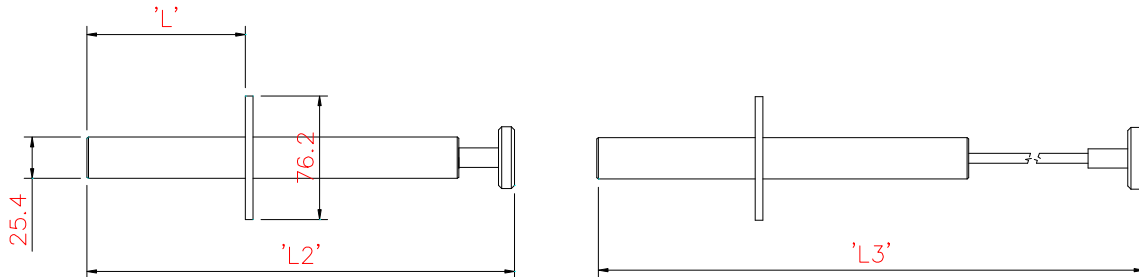


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## Technical Data:-



### Sizes:-

Part No	Length L	Length L2	Length L3	Weight Kgs
MSP100	100	265	395	0.9
MSP200	200	365	495	1.2
MSP300	300	465	595	1.6

All dimensions in mm

### Performance:-

<b>Magnetic Performance:</b>	9,000 Gauss High Strength
<b>Performance Reading:</b>	On tube surface
<b>Magnetic Material:</b>	Rare Earth Neodymium Iron Boron
<b>Magnet Grade:</b>	N45 – Inspected & confirmed via hysteresis prior to use
<b>Temperature:</b>	-20° C/ + 90° C

### Materials:-

<b>Tubing:</b>	316 Grade Stainless Steel – Aerospace Quality
<b>Other Parts:</b>	316 Grade Stainless Steel
<b>Surface Finish:</b>	Polished to 0.6µm

### Options:-

High temperature Samarium Cobalt magnetic material + 250° C  
Pharmaceutical specification  
Magnetic lengths up to 1000mm  
ATEX certified

