



Pipeline Magnet

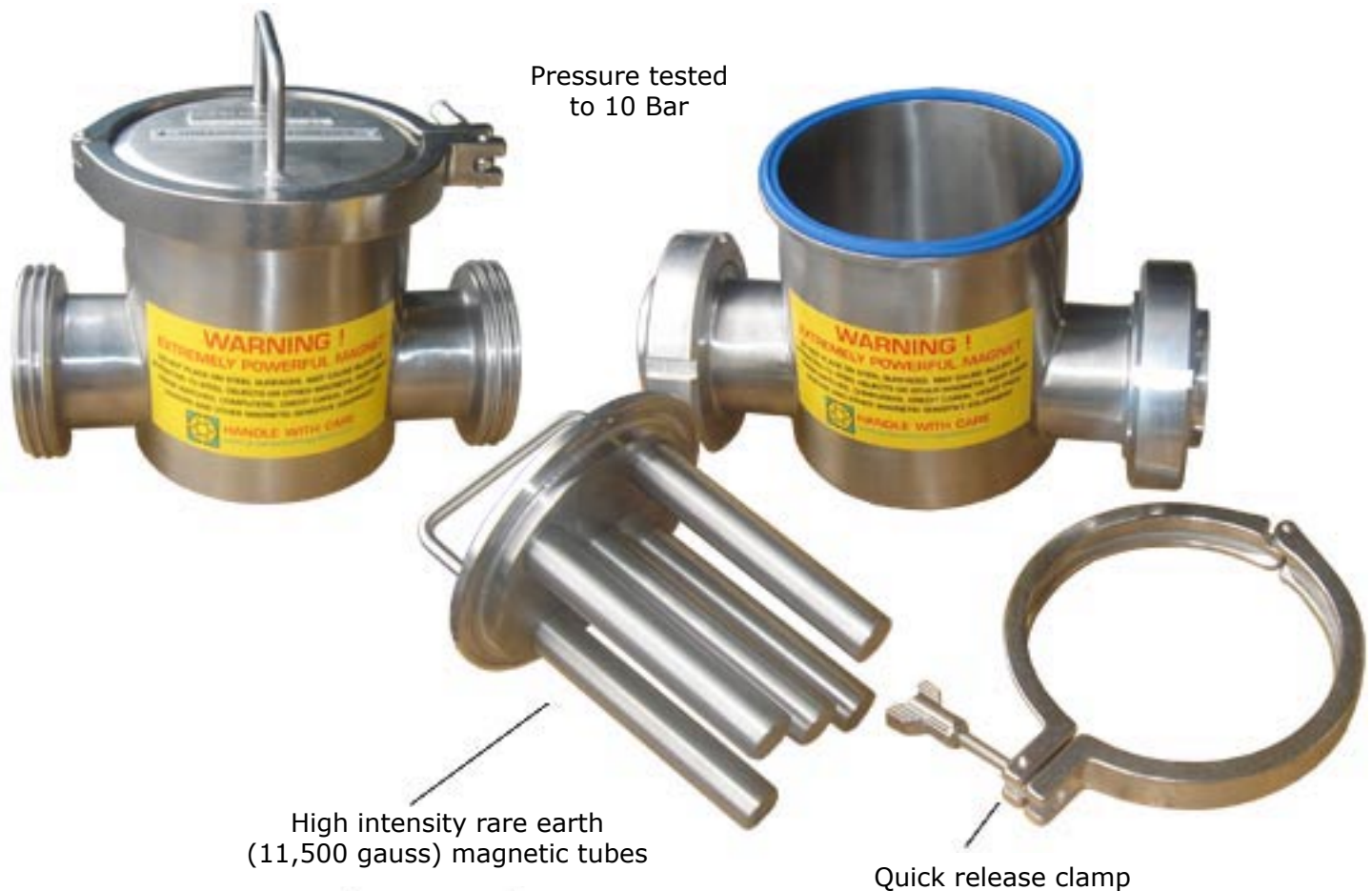
Description: The Greenwood Permanent Magnetic Pipeline Magnet is designed for the extraction of fine ferrous particles such as rust from fluids conveyed by pressurised pipelines. Manufactured in 316 stainless steel, the unit is simply connected to the existing pipeline via flanged or threaded ends. Sealed high intensity rare earth magnetic rods filter the flow and extract the unwanted ferrous metal. Simple and easy access is possible using the quick release lid. Manufactured with high intensity rare earth magnets **up to 11,500 gauss**.

We manufacture 2 main types:

Type A – the “pot” design which helps in circulating the flow around the magnetic rods.
Type B – the “T” design where unimpeded flow is imperative.

Both types are available in standard version – 11,500 gauss and easy-clean version – 9000 gauss. They are also available with double wall water jackets for heated pipelines.

All products are manufactured to order to suit various volumes, pressures, and temperatures. All connections as required. We also manufacture specific designs to accommodate customer requirements such as vertical flow.





Easy Clean Pipeline Magnet - Type A

The easy-clean version allows the inner magnetic rods to be removed from the outer sleeve for fast and easy contamination removal.



Easy-clean water jacketed version – 9000 gauss

The magnetic rods slide out for easy cleaning

Easy Clean Pipeline Magnet – Type B

“Flat floor T” design for unimpeded flow with added advantage of easy-clean function



Manufactured for a FTSE 100 pharmaceutical company

1" pipeline with tri clover connections.

Polished inside and out to pharmaceutical standards. Supplied to a leading contacts lens manufacturer for saline solution.





Bespoke Design for Vertical Flow



Manufactured for use installation in a vertical pipeline. The angled branch allows the magnet to be cleaned without the use of shut off valves (in a non pressurised line) and prevents spillage.

Features

- Easily installed
- Cleaned simply and efficiently
- Manufactured in 304 or 316 stainless steel to food industry standards
- Highly effective performance due to powerful rare earth magnets - 11,500 gauss
- Specially manufactured to your dimensions
- Easy-clean versions available

Specification

- Full 316 stainless steel construction
- Manufactured to food/pharmaceutical quality : fully welded, fully crack and crevice free
- Standard version 11,500 gauss
- Easy-clean version 9000 gauss
- Manufactured to specific customer specification and size of pipeline
- Pressure rated to 10 bar
- Optional internal/external finish : polish/bead-blast/mill