



SENTRY MAGNETIC TRAP MT-1

Magnetic Trap

SAMPLE CONDITIONING

Magnetite particles can cause huge problems within a sampling system by jamming and plugging components. The Sentry® MT-1 magnetic trap isolates magnetite particulates to protect sample conditioning and analytical instruments from critical downtime and costly repairs. The magnetic trap uses high strength neodymium magnets in its core to attract and capture the magnetite before it can cause damage, protecting analyzers.

To meet varying power plant needs, the magnetic trap is available in a low-pressure model.

MODEL

MT-1V low-pressure model (with valve assembly)

MT-1V (PETG) low-pressure model (with valve assembly) with PETG tube

BENEFITS

While conventional filters trap all particulates and choke off sample flow as the filtering media becomes plugged with contaminants, the Sentry MT-1 magnetic trap captures only entrained oxide particulate and lets the remaining particulates pass, protecting conditioning equipment while maintaining sample integrity.

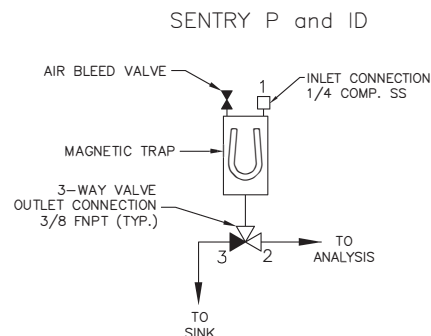
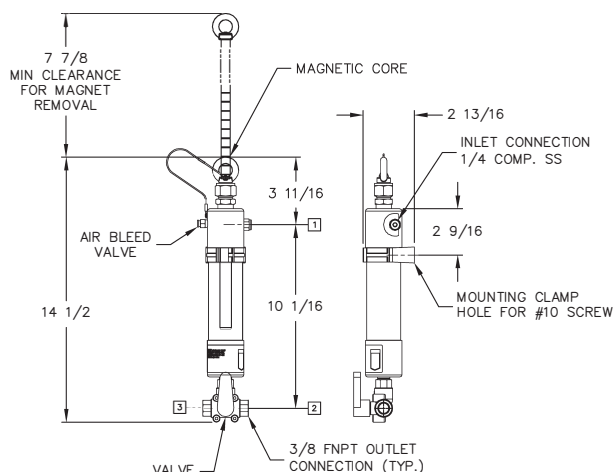
FEATURES

- Designed specifically for the extreme conditions of power plants
- NEVER plugs
- PETG columns available for applications where chemical attack may occur
- Spring-return air bleed bleeds any trapped air at start-up
- Large magnetic surface area
- Hydro-tested for simple field retrofit or new panel installation



Sample. Monitor. Measure.
SENTRY
Any Application. Anywhere.

SENTRY LOW PRESSURE MAGNETIC TRAP MODEL: MT-1V



SPECIFICATIONS

pressure rating	100 psig at 140°F (6.75 bar at 60°C)
max flow rate	1200 cc per minute
wetted materials	MT-1V: 316 SS, POM, polycarbonate, glass-filled polypropylene, Buna-N MT-1V (PETG): 316 SS, POM, PETG, glass-filled polypropylene, Buna-N
magnetic surface area	10.2 in ² (66 cm ²)

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