



# PMT ENGINEERS & CONTRACTORS

Manufacturers of Magnetic Separators & Equipments.

PMT

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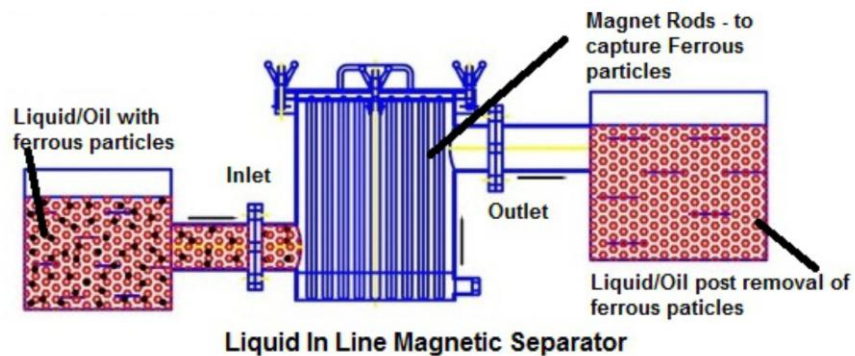
🏠: www.pmtmagnets.com

## Liquid In Line Magnetic Separator / Magnetic Strainer

**PMT Liquid Inline Magnetic Separator** are ideal for separation of iron particles from Liquid, Oil, Viscous and Slurry applications. Liquid Inline separators are widely used in Oil, Food Processing, Soya Lecithin, Chemicals and Pharmaceuticals industries. They are installed at a suitable location along the passage of fluid. The flowing liquid is made to travel around the magnetic rods & the high intensity Gemini Rare Earth Powerful Magnets in the magnetic rods arrest fine iron particles from the product flow. The Liquid Inline Separator is manufactured in Stainless Steel 304 shell with inlet and outlet flange connections as per the size of the existing pipeline. The magnetic elements are fixed on the top lid and are arranged in circular format so that the liquid/oil is exposed to maximum area of magnetic circuit and ensuring greater level of iron separation. The standard sizes available are NB: 1.5", 2.0", 2.5", 3.0", whereas customized sizes can be made available to suit the end user requirements.



**Working:** Liquid Inline Magnetic Separators are installed in the existing pipeline at a suitable location. Once the Liquid/Oil passes through the inlet of the Magnet Inline Separator, finest iron particles gets arrested on the magnetic rods. The Liquid flows out from the outlet with no iron particles in it, as the ferrous particles are captured & held by the magnetic rods. The Iron particles captured can be removed manually after removing the top lid of the Liquid Inline Magnetic Separator



### Unique features :

**Easy Installation** – To be installed easily in existing fluid flow line without any major structural changes

**High Intensity and Gemini Rare Earth Powerful Magnets** – Separation of iron particles of fine iron particles

**Flexibility** – Customized size available for different pipelines to suit specific requirements

**Durability** - SS 304 construction & high intensity powerful magnets

**Maintenance Free** - No operating cost

