Series MF

Magnetic Drive Pump
Filter System

Features:
- All Plastic Construction
- Leakproof
- Corrosion Resistant
- Filters Acid and Alkaline Solutions to 180°F
- Flows to 3600 GPM
- Optional Priming Chambers
  Casters Available

Recommended Applications:
- Plating Solutions
- Pharmaceuticals
- Photographic Solutions
- Acid and Alkaline Solutions

Model MF-7200
Penguin MF series filter systems are specifically designed for leakproof filtering and circulating. Equipped with the Penguin M & MT series polypropylene magnetic driven pump and the rugged Penguin CPVC or polypropylene filter chamber, MF filter systems are designed for continuous trouble-free service. The smaller compact MF filter system is excellent for complete corrosion resistant filtration in laboratories, pilot plants, and production applications. The larger MF filter system provides a high volume, high pressure filter system to which casters can be added for portability. Simple in design and efficient in performance, these systems are recommended for acid and alkaline solutions. These include all precious metal plating solutions, high chloride, sulfureic, and alkaline cyanide solutions. Penguin MF filter systems are easy to clean and simple for tube replacement. The single threaded head or the easy grip handles requiring no tools, release the filter chamber head. There is no dismantling and no danger from breakage.

Penguin filter chambers are constructed of CPVC or polypropylene to 180°F and feature completely leakproof filtration. Penguin filter chambers have no fragile lucite or glass. They can accept either Penguin PF series filter cartridges or optional PS filter sleeves. The M and MT series pumps, constructed of polypropylene, are magnetically driven. The only moving part in the pump is the polypropylene encapsulated impeller magnet assembly, which rotates on an internal pure ceramic spindle up against a ceramic thrust washer. Because the pump is sealless there is no leakage due to seal wear. An oversized priming chamber can be added to facilitate priming the pump.

All Penguin filter systems are fully equipped and ready to operate including valves, polypropylene base, 20 feet of reinforced braided hose, all necessary clamps and fittings, drain valve, flow control valve, and initial set of Penguin PF filter cartridges (15 micron unless otherwise specified). Those systems, which incorporate a series 6C, 8C or 12C filter chamber, also include a PG series pressure gauge and guard assembly and vent valve. Penguin M series pumps are equipped with a 6 ft. cord/grounding plug on single phase motors only. Three phase motors are shipped unwired.