



Filtertechnik

Filtration, Purification &
Separation Solutions

Portable Oil Filter MP1EG

Lightweight Portable Handcart Filter Pump Removes Water and Dirt From Gear Oil

FEATURES

- Removes dirt and water from gear oil and other high viscosity oils
- Filters oils with viscosities up to 12,000 SUS (2,600 cSt.) – equivalent to an ISO VG 680 oil (SAE 140 wt gear oil) at 70°F
- Components specifically selected for use with high viscosity oils
 - large, reinforced suction hoses
 - 1 gpm flow rate
 - oversized motor
- Can also be used with lighter hydraulic, lube and insulating oils

SPECIFICATIONS

- 1 gpm flow rate
- Epoxy coated vessel interior and exterior
- Band clamp vessel closure
- 10-inch semipneumatic wheels
- Totally enclosed fan-cooled (TEFC) motor – 1/2 hp, 115 V, 1-phase, 60 Hz, 10 amps
- Self-priming positive displacement pump with built-in pressure relief valve
- Pressure gauge
- 3-wire power cord, 10 ft. long with 3-prong plug
- 1" Y strainer mounted on pump
- 9-ft. suction hose, 1" wire reinforced with 1" NPT male fitting on end
- 9-ft. discharge hose, 3/4" 2 ply with 3/4" NPT male fitting on end
- Weight: 106 lbs.
- Shipping Weight: 130 lbs.
- Height: 52", Length: 18", Width: 22"



MP1EG Portable Oil Filter

CARTRIDGE SELECTION

For 12,000 SUS

(ISO VG 680/SAE 140 wt gear oil at 70°F)
and lower

Dirt and Water Removal	AD-71825
Dirt Removal Only	FO-718PL05 or PL15

For 5,500 SUS

(ISO VG 320/SAE 90 wt gear oil at 70°F)
and lower

Above cartridges plus:	
Dirt and Water Removal	AC-71805
Dirt Removal Only	FO-718PL02

For 2,000 SUS

(ISO VG 150/SAE 40 wt automotive oil at 70°F)
and lower

Above cartridges plus:	
Dirt and Water Removal	AC-7181/2 and 01
Dirt Removal Only	FO-718PL1/2 and 01

OPTIONS & ORDERING INFORMATION

Specify model numbers as shown below:

MP1EG-1	115 vac, 1-phase, 60 Hz (basic unit)
MP1EGXP-1	115 vac, 1-phase, 60 Hz, explosion proof*
MP1EG-2	230 vac, 1-phase, 60 Hz
MP1EGXP-2	230 vac, 1-phase, 60 Hz, explosion proof*
MP1EG-7	230 vac, 1-phase, 50 Hz

*Note: Explosion proof units shipped without power cord, switch, or plug

For stationary base mounted unit, substitute "S" in model number for "P".

Example: MS1EG-1 = stationary base mtd 1 gpm filter pump, 115 vac, 1-ph, 60 Hz

703Y004	Delta P Gauge – Direct reading 0 - 50 psid differential pressure gauge
722Y006	Digital Flowmeter – Direct reading, displays flow rate, total flow volume, total resettable batch flow volume
550Y020	Flow Control Bypass – Allows manual adjustment of flow rate; controls pump cavitation
552Y030	Filter Bypass – Transfer oil without filtration



Filtertechnik

Filtration, Purification &
Separation Solutions