



Handheld Filter Unit

Flow rate available in 0.7 GPM & 2.8 GPM

The **Handheld Filter Unit** is designed to filter fluids with a viscosity of 50-2000 cSt. It's ideal for filtering new hydraulic fluids during transfer and replenishment, flushing fluids already in service, removing particulate and water contamination, and conditioning bulk oil before use.

Our **Handheld Filter Unit** is constructed with strong, lightweight aluminum support legs and an ergonomic style handle. Its total dry weight is approximately 40 pounds. It is available with Beta 1000 rated microglass and water-absorbing filter elements. It also includes an oil sampling port on the outlet connection to provide ISO 4406 code comparisons. This will allow you to meet your target ISO cleanliness code comparisons. This will allow you to meet your target ISO cleanliness codes and prolong the life of your equipment and fluids.

The **Handheld Filter Unit** comes standard with a 110 Volt, 60 Hz motor, and is also available in other electrical configurations to meet your needs. Have questions? Feel free to contact us.

Materials of Construction

- Assembly Frame: Lightweight Aluminum Leg + Handle Supports
- Filter Assembly: Aluminum Head, Steel Canister 25 PSID By-Pass Valves, True Differential Pressure Indicator
- Hoses: Clear Reinforced PVC (optional)
- Wands: Stainless Steel Wands (optional)

Electrical Service Requirements

Standard - 1/60/110/230 (See options for other specs.)

Motor Options

Pneumatic Pump

- 50 Hertz
- 3 Phase
- 230 Volts3

Pump Specifications

Gear-Type Oil Transfer Pump

- Flow-Rate up to 2.8 GPM
- Pressure: 170 PSI (12 Bar)

Fluid Compatibility

Compatible with:

- Hydraulic oils that have a viscosity from 50-2,000 cSt (at working temperatures)

Not compatible with:

- Gasoline (Petrol), Inflammable Liquids with PM < 55°C, Water, Liquid Food, Corrosive Chemical Products, & Solvents.

Operating Temperatures

Nitrile (Buna-N):

- 40°F to 150°F
- 40°C to 66°C

Fluorocarbon (Viton®):

- 15°F to 200°F
- 26°C to 93°C



Advantages

BETA 1000 Rated Filter Elements per ISO 16889 Standards

Water Removal Filter Elements

Oil Sampling Port

True Differential Indicators

25 PSID By-Pass

Viscosity Range of 50-2,000 cSt

Lightweight and easy to carry at only 40 pounds



Mobile, Ergonomic Design



Outlet Sampling Port



Precision Filtration Products | Pennsburg, PA
215-679-6645 | 215-679-6648
sales@pfpusa.com | www.pfpusa.com

