

Semi-Auto Dosing And Transfer Pump

MANUAL FILLING AND TRANSFER PUMP PRECISEDOSING WITH LEVER - NO NEED CONTINUOUS PUMPING
MANUAL FILLING AND TRANSFER PUMP FOR 20 LITRE CANISTERS UP TO 200 LITRE



JP-07 BLUE - 6007 0001

For non-flammable mineral oil products

- Seals: NBR
- Pump housing: PP
- Suction tube: PVC

JP-07 RED - 6007 0002

For alkaline media

- Seals: EPDM
- Pump housing: PP
- Suction tube: PVC

JP-07 RED - 6007 0003

For slightly aggressive media (tap includes a stainless steel spring)

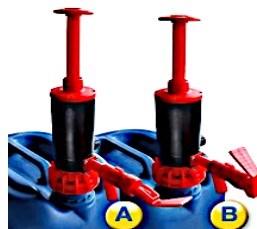
- Seals: FKM
- Pump housing: PP
- Suction tube: PVC

Transfer Hoses Are Optional

Flexible Operation Options

A: If the tap is turned down completely in this position the tap will flow continuously as a siphon pump

B: Short press of the tap enables precise filling of small volume



DESCRIPTION

UNIQUE CHARACTERISTICS THAT EXCEL

The hand pump enables precise dosing with light pressure on the tap lever after air is pumped into the canister or barrel. Excessive air pressure would bleed through the rubber adapter.

Alternatively the pump operates as a siphon pump with a flow rate of 20 litres /minute (water), when the tap lever is completely in full forward as shown in **A**.

UNIQUE ADVANTAGES

- The hand pump can be in fixed position using one of the supplied rubber adapter in the bung hole of a canister or barrel.
- By actuating the pump lever, pressure is built up inside the container, as such the pump can be operated with one hand.
- There are two different options;
 - ⇒ To remove precise small quantity with the hand pump, simply press the lever down lightly in position as shown in **B**. This enables the safe and easy filling of small containers such as flask and test tubes by manually controlling the lever pressure.
 - ⇒ Alternatively, the pump operates as a siphon pump with a flow rate of 20 litres/minute (water), when the tap lever is completely in full forward position as shown in **A**.
- Precise dosing made possible.
- No continuous pumping needed, means the user has both hands free during dispensing; thus increase the safety of the operator when pumping aggressive or alkaline media.

PUMP body: Polypropylene with a stainless steel spring on the tap

Flow rate (water): 20 litre/minute

Oil SAE 30: 9 litre/minute @ 20°C

Suction tube length: Suction tube consists of four parts at 250 mm

Rubber adapter: For bung hole diameters from 46.5 – 60 mm

Operating temperature: 40°C

Viscosity: 400 mPas

- The pump is available with three types of seal (NBR, EPDM or FKM).
- Each hand pump comes with three rubber adapters of sizes between 46.5mm – 60mm depending on the model, to ensure the flexibility to adapt to all common bung hole openings. No special tool is needed for assembling.
- The pumps are manually operated and can be located at any convenient area, as it does not require electricity or compressed air.
- A Hastelloy spring on the tap is planned for new design, to be compatible with aggressive chemicals such as hydrochloric acids. In addition, a series of PVDF pump housing will be produced for easy and safer dispensing of highly corrosive substances such as chromic acid, hydrochloric acid and nitric acid.
- The pumps are robust and durable. Replacement parts are available cheap and fast, increasing the reliability and productivity for the user.



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