

S.M. Pro Pump

M 10 instructions

Introduction:

- Maximum pressure is 10,000 psi, 700 bar, do not exceed this pressure.
- Included on every pump is a built in pressure release valve to limit the maximum pressure. Each pump is pre-set to 10,000 psi.
- The M-10 pump has 3/8" and 1/4" BSP ports.
- Use with Distilled Water or mineral based hydraulic oil.
- Wetted materials are stainless steel, polyurethane, Teflon and nitril.
- If using without the M 10KT hose kit, the side output port requires two bonded washers on the fitting to seal properly.

To Use:

1. Connect hose fittings and calibrator to adapters.
2. To use the "Prime feature", twist the knurled knob marked release and turn. Squeeze the handles together and release knob. This feature can be changed at any pressure.
3. Tighten the pressure release valve. (Not excessively)
4. Squeeze handles repeatedly until pressure builds. Please note, once pressure starts to rise, pressure can increase very rapidly.
5. To adjust the pressure relief valve, release pressure, turn pressure relief valve counter clockwise 1/16 turn and re-pressurise. If further reduction in pressure is necessary, repeat the process.

Note: this product is protected domestically and internationally by patent applications



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TOP PORT

VENT KNOB

VERNIER KNOB

OUTPUT PORT

**RELIEF VALVE/
FILLING POINT**

**PRIME RELEASE
KNOB**

