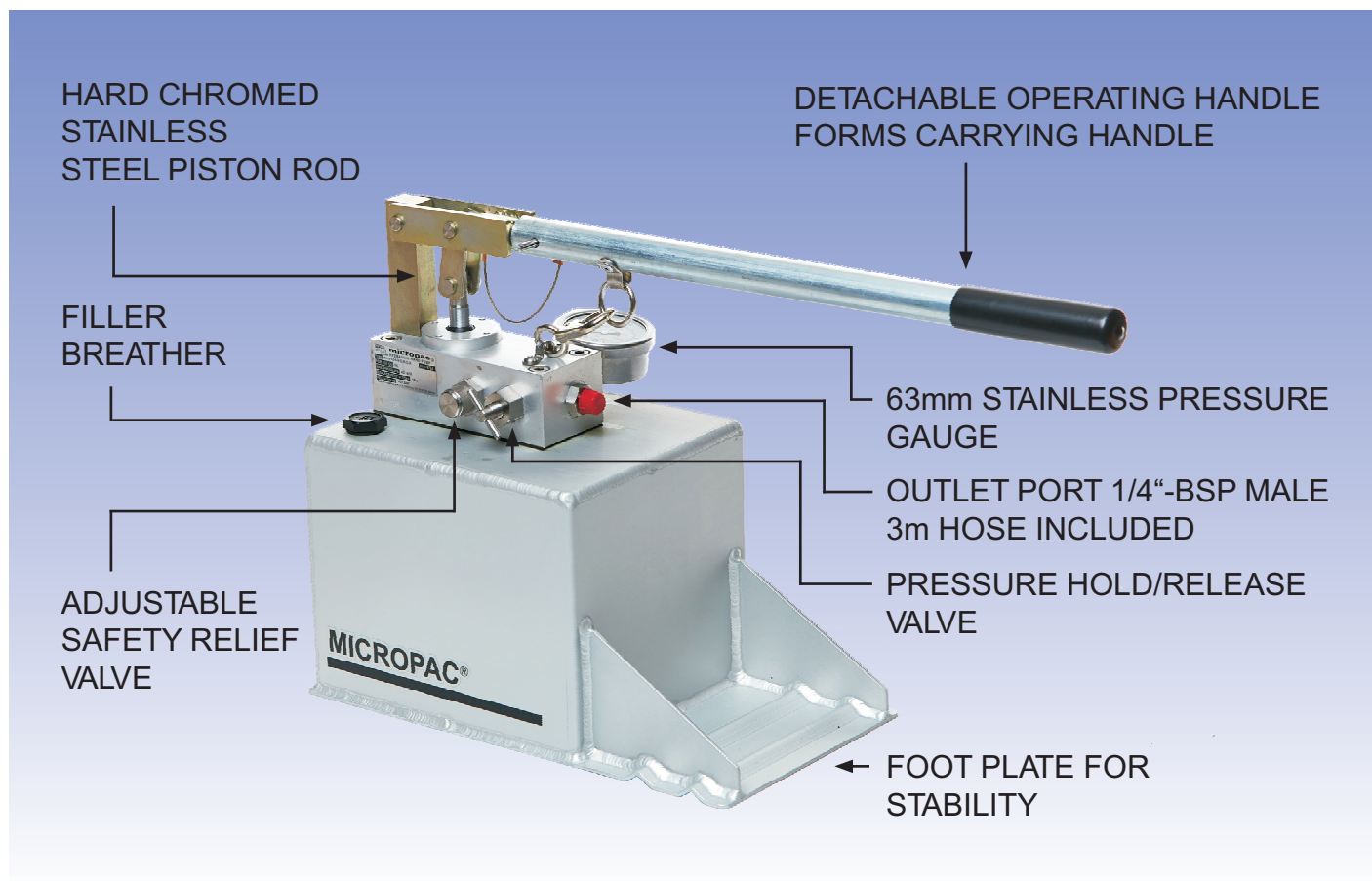


Micropac® MP MIST Pressure Testing Unit

The pressure test set of choice for Fire Industry professionals



SPECIALIST APPLICATION: PRESSURE TESTING OF WATER MIST SYSTEMS

FEATURES

- Rugged construction for site use
- Integral lightweight 5 litre reservoir.
- Stainless steel and anodised alloy wetted parts
- Designed for water service
- Reservoir in anodised alloy
- Hard chrome plated 316 piston rod for long life
- Poppet outlet check valve for very low leakage
- Soft seat inlet and release valves for reliability
- All valve seats replaceable for long service life
- High quality, well- engineered UK unit.
- PTFE piston/bearing seals for low friction
- 12cc per double stroke to 407 bar
- Relief valve set at 100/ 300 bar to your requirement
- Wide application outside the Fire Industry
- High quality all-stainless pressure gauge
- Optional calibration certificate for gauge
- Nitrile seals standard
- Fitted with 3m hose
- Supplied ready for use
- Short lead time & express shipment to site

INSTALLATION & MAINTENANCE

APPLICATION

The Micropac MIST unit is the “industry standard” version of our MP series test set that has been used in the Fire Industry on water mist systems for many years. It also has wide application outside the industry for any pressure testing, proof testing, filling or calibration applications. The MIST unit is tested on water, although it can be used on a wide range of other fluids.

It offers the same performance as our “all stainless” units but has low mass through the use of high performance anodised alloy. It is ideal for use on site and in enclosed spaces.

Because of our use of soft seat inlet check and release valves, together with the poppet outlet check valve, the unit is suitable for water. Standard seals are ptfе, uhmwр and nitrile rubber. Consult the factory for special seal requirements for other fluids.

MATERIALS

The MIST unit is manufactured in anodised alloy/ stainless steel wetted parts and a carbon steel mechanism. The MP-MIST unit is anodised alloy 6082T6 BS1474, a stainless steel 316 liner and piston rod plus small amounts of stainless 302/303/304/420/431.

DISPLACEMENT

The unit is 12cc per double stroke to 407 bar. Each unit will as standard come with an all stainless gauge (optional calibration certificate). The relief valve can be set as required but normal settings are 300 bar on commercial and 100 bar on domestic systems.

CONNECTIONS

The unit has a ¼“-BSP male thread on the outlet port. Make connection to this port with appropriate hose. We use -4 hose with stainless steel female swivels. Never use brass fittings permanently connected to the unit.

COMMISSIONING & MAINTENANCE

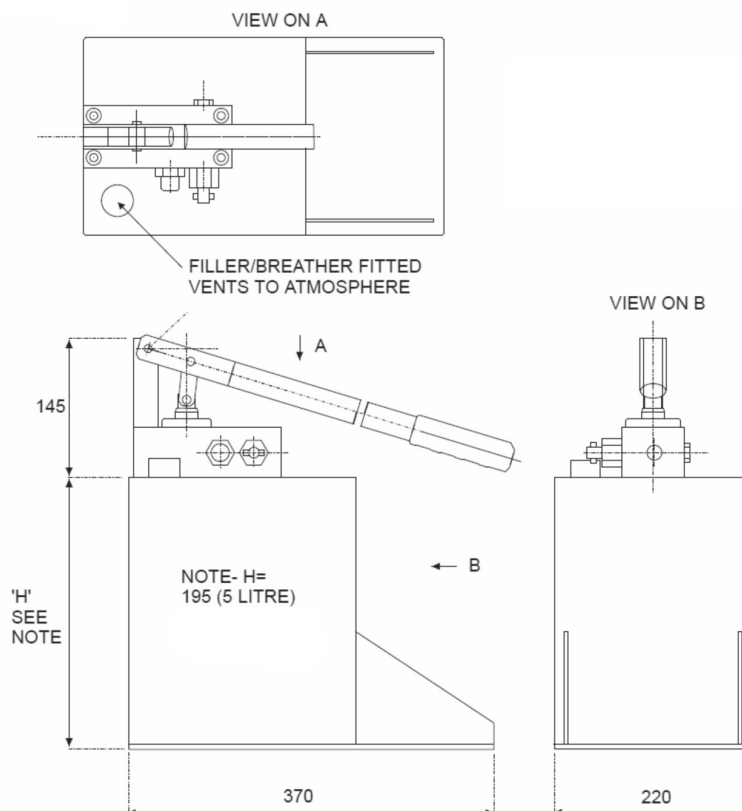
Operate hand pump and pressurise to maximum pressure. Check for leaks in the system. The inlet and outlet check valves are also easily serviced and use replaceable seats. Seals are replaced using standard tools. Service kits are available. A service kit includes all seats, springs, seals and balls.

SAFETY

This pump is a component forming part of a hydraulic pressure system. The system should be designed, operated and maintained in accordance with statutory requirements and other relevant instructions.

DIMENSIONS

ALL DIMENSIONS IN mm



ORDER SHEET FOR MICROPAC® MP MIST PRESSURE TESTING UNIT



SARUM
HYDRAULICS
Designers & Manufacturers of Hydraulic Equipment

Model of Pump	
M	Body Material
	Alloy / Stainless
I	Displacement
	12cc /407 BAR
S	Handle
	625mm Long
T	Seal Material
	Nitrile
	Test Fluid
	Water
	Release Valve
	Normal

Pressure Gauge	
1	160 BAR Gauge, 120 BAR Relief Valve
6	400 BAR Gauge, 300 BAR Relief Valve

M	P	M	I	S	T	
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For special options please consult factory.

We invest heavily and continuously in product development.
Specifications are therefore liable to change without prior notification.
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