

MECP100/500/10K

Pneumatic Pressure Test Pump &
Hydraulic Pressure Test Pump



MECP10K
Hydraulic Pressure Test Pump



MECP10K Hydraulic Pump Kit
(shown with optional BetaGauge
PI Digital Test Gauge)



MECP500
Pneumatic Pressure
Test Pump



MECP500 Pneumatic Pump Kit
(shown with optional BetaGauge PI
Digital Test Gauge)



MECP100 Pneumatic
Pump Kit



MECP100
Pneumatic
Pressure Test
Pump

**The new generation
standard**

The MECP Series of pneumatic and hydraulic test pumps are high performance hand operated pumps that allow the user to generate both pressure and vacuum for precise testing of pressure instrumentation including transmitters, pressure switches, etc.

The pneumatic pumps allow pressures in excess of 100 or 500 PSI (model-dependent) to be generated with just a few strokes of the pump. By changing the switching valve to vacuum, a range of -27" Hg is available.

The MECP10K Hydraulic Pressure Test Pump works with a variety of hydraulic fluids or even water to easily generate test pressures up to 10,000 PSI (700 Bar). It uses a unique fully adjustable stroke control to allow for fast priming or filling of test systems, and then switching as needed to a smaller stroke for easier pumping at high pressure.

The output pressure of all pumps can be fine tuned using the vernier control. A precision needle valve allows controlled venting for exacting pressure calibration requirements.

All pumps features NPT connections for ease of use. See specifications for details.

In addition to the bare pump, all pump models are offered in kit form with a hard sided carrying case and a flexible connection hose with appropriate fittings.

Features

- Generate both pressure and vacuum
- Generate -27 "Hg to 100 or 600 PSI, model dependent
- Generate hydraulic pressure from 0 to 10,000 psi
- Completely isolated vernier prevents heat transfer from hand
- Precision valve for bleed control
- Pneumatic pumps include user-friendly, field serviceable, and replaceable check valves
- Ergonomic design makes it easy to pump, even at high pressure

Specification (0 °C to +50 °C, unless otherwise noted)

PARAMETER	MECP100	MECP500	MECP10K
Operating pressure range	-12 to 100 PSI	-12 to 600 PSI	0 to 10,000 PSI
Max working pressure	150 PSI	750 PSI	10,000 PSI
Connection	1, 1/8" FNPT port	1, 1/4" FNPT (top) 1, 1/8" FNPT (side)	2, 1/4" FNPT (top and side) 1, 1/8th " FNPT Port (for use with Press. Relief Valve Only)
Compatibility	air	air	most hydraulic fluids and oils and water

MECP100/500/10K

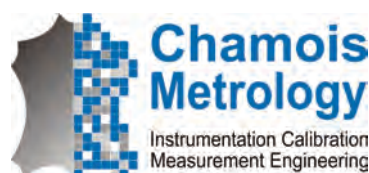
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Ordering information

ORDER NO.	Description and Range
MECP 100 Pump 80297	Low pressure and vacuum pump (-28 in Hg to 100 PSI)
MECP 500 Pump 80257	High pressure and vacuum (-29 in Hg to 600 PSI)
MECP 10K 80290	Hydraulic pump using distilled water or oil (0 to 10,000 PSI)
MECP 100 Kit 1919549	Low pressure and vacuum (-28 in Hg to 600 PSI) with one test hose and one 1/4" FNPT port
MECP 500 Kit 1919290	High pressure and vacuum (-29 in Hg to 600 PSI) with one test hose and one 1/8" FNPT port
MECP 10K Kit 1919406	Hydraulic pump (0 to 10,000 PSI) with one test hose and one 1/4" FNPT port



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