MARTEL Pneumatic & Hydraulic
Hand Pumps - *Accuracy by Any Measure*

MECP100

MECP500

MECP10K

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 600 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.

General 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

For more information:
- Call us toll free at 800-821-0023 or 603-434-1433
- Fax us at 603-434-1653
- Email us at sales@martelcorp.com
  and ask for a Pump brochure
- Or go to our website, www.martelcalibrators.com and
  click on MECP100, MECP500, or MECP10K