

Piston Pump Apparatus (EDC-FM-128)

EXPERIMENTAL DATA:

- Determination of efficiencies.
- Value of operation of a piston pump.
- Pressure-volume diagram.



DESCRIPTION:

Piston pumps used to move liquids or compress gases. They can operate over a wide range of pressures. High pressure operation can be attained without a sturdy consequence on flow rate. Apparatus contains LCD display.

Optional Software is available for Data Acquisition and Control Function.

SPECIFICATIONS:

- Closed water circuit.
- Transparent water container.
- Valve for adjusting the flow rate.
- Sensors for pressure at outlet and in the cylinder of the pump and flow rate.
- Working behaviour of a piston pump.

DIMENSIONS AND WEIGHT:

- L x W x H (mm): 600 X 450 X 750 approx.
- Weight: 40 kg approx.

SCOPE OF DELIVERY:

- 1 x EDC-FM-128.
- 1 x Instructional Manual.

TECHNICAL DATA:

- Piston Pump: 2LPM.
- Gear Transmission Ratio: 1:7.5.
- Two transparent Tank.
 - Tank 1: 10L.
 - Tank 2: 3L.
- LCD display.
- 230V AC 50Hz.

