

HP 305V COMPACT SERIES AND PARALLEL PUMP TEST SET, Variable Speed



GENERAL DESCRIPTION:

This is simple self-contained bench top unit for studying the series and parallel pump characteristics at various speeds.

The unit consists of two sets of centrifugal pump with motor and a storage tank on a steel base, advanced inverters, and measuring instruments. By manipulating flow control valves, each pump can be operated individually or both pumps connected in series or parallel.

Instruction manual is also included.

EXPERIMENT CAPABILITIES:

- Flow rate vs head for individual pump.
- Flow rate vs head for two pumps connected in series or parallel.
- Pump input, output and overall efficiency at various speed.

TECHNICAL DATA:

- Pump ratings
 - Maximum flow rate : 80 Lpm
 - Maximum head : 18 m water
- Measuring instruments
 - Pressures : Pressure gauges at pump suction and discharge
 - Flow rate : Water meter and stop watch
 - Speed and motor input power indicator : Advanced inverters
- Software for data display and analysis by computer (separately supplied).
- Power supply : 220 V, 1 Ph, 50 Hz. Other power supply is available on request.

Net (unpacked) shipping dimensions WxLxH : 60 x 110 x 70 cm
Net weight : Approx. 40 kg