HP 121 TURBINE PUMP DEMONSTRATION UNIT, Computer Interface

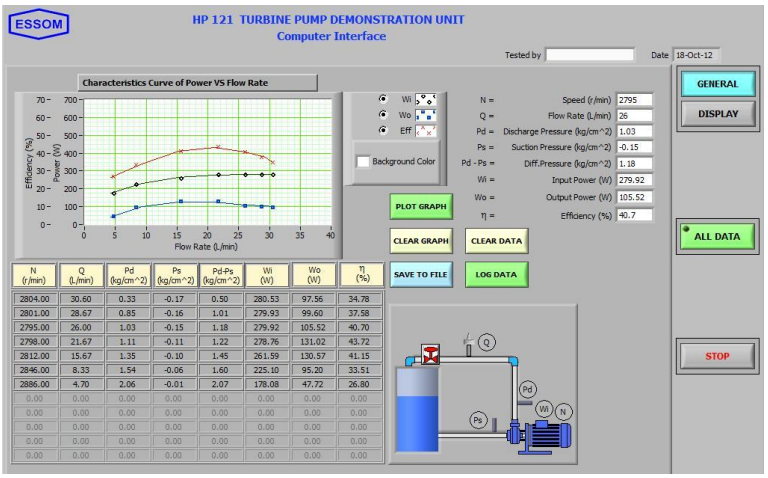
Photograph includes optional equipment

GENERAL DESCRIPTION:

This is a bench top unit for studying the turbine (regenative) pump characteristics with data display and analysis by computer.

The unit consists of an industrial turbine pump with a motor, a PVC storage tank on a steel base, software and sensor.

HP 104 Pump Instrument Box is required but separately supplied.



TEST CAPABILITIES:

- Flow rate vs head at various speeds.
- Pump input, output and overall efficiency at various speeds

TECHNICAL DATA:

- Pump ratings :
  - Maximum flow rate : 35 lpm
  - Maximum head : 30 m water.
- Sensors with digital display for flow rate, pressures at pump suction and discharge, speed and motor input power.
- Software for data display and analysis by computer (separately supplied).
- Power supply : 220V 1Ph 50 Hz. Other power supply is available on request.

OPTIONAL EQUIPMENT:

- Water temperature sensor.
- HP 104 Pump Instrument Box (required accessory)
  - Advanced Inverter for speed control with digital output for speed and input power.
  - Digital display with computer interface unit.
- HP 121-060 Computer control
  This includes flow control motor, computer interface unit, and software for data display, analysis and control by computer (separately supplied).

Net (unpacked) shipping dimension W x L x H : 60 x 90 x 75 cm.
Net weight : Approx 38 kg.
: Approx 40 kg. with HP 121-060

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