

HT 161 MINI KAPLAN TURBINE DEMONSTRATION UNIT, Computer Interface

GENERAL DESCRIPTION

This is a mini Kaplan turbine for studying the turbine characteristics with data analysis by computer.

The unit consists of a mini Kaplan turbine with a dynamometer, output power sensors and software. The turbine adjustable guide vanes direct water to the runner.

The unit is to be used with HT110 Mini Turbine Service Unit, and a computer. Both are separately supplied.

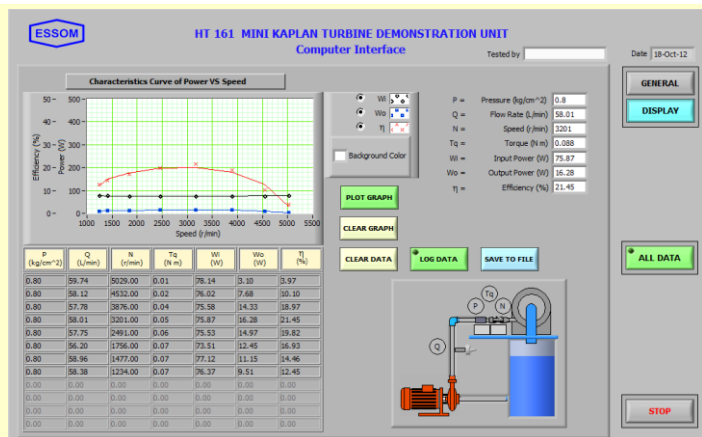


HT 161 with HT 110



TEST CAPABILITIES

- Torque vs speed at various heads and flow rates.
- Power output vs speed for various heads and flow rates.
- Efficiency vs speed for a given head and flow rate.
- Racing characteristics.



TECHNICAL DATA

- Construction : Metal runner with adjustable guide vanes.
- Maximum power : 15 W.
- Dynamometer : Mechanical brake.
- Sensors : Torque and speed.
- Software for data display and analysis by computer (separately supplied).

OPTIONAL EQUIPMENT

- HT 110 Mini turbine test service unit.
- HT 161-060 Computer Control

This includes control motors, HT 110 Mini turbine service unit, and software for data display, analysis, and control by computer (separately supplied).

Net (unpacked) shipping dimensions WxLxH : 40 x 45 x 27 cm
Net weight : Approx. 11 kg

