Product name:	Product code:
Solar Water Pumping Training System	CMI-NP-2022



Description

System with a DC solar pump, PV panel and water tank for studying PV pumping. Shows how flow and head change with solar irradiance. Students vary panel exposure and pump head and plot flow rate against input power.

Technical specification

Meters	Voltage, current, flow
Power Supply	230 V AC, 50 Hz, single phase
Construction	Powder coated MS frame with laminated work surface and labelled terminals

Standard Accessories

- Patch cord set
- Instruction manual
- Experiment manual

The Solar Water Pumping Training System is designed for ITI, polytechnic and TVET laboratories. Students vary panel exposure and pump head and plot flow rate against input power.

Features

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- DC submersible pump
- PV panel with tilt stand
- Water tank circuit with flow meter
- Pressure gauge and head valve
- Power meters

Technical Specifications

PV Panel	75 Wp
Pump	12 V DC, 60 W
Maximum Head	8 m
Flow Rate	Up to 10 lpm
Tank	40 litres