Product name:	Product code:
Solar Water Heater Training Demonstration Unit	CMI-NP-2021



Description

Training unit with flat plate collector, storage tank and thermometers for studying solar thermal heating. Used to find collector efficiency and temperature rise. Students measure inlet and outlet temperatures and flow to calculate useful heat gain and thermal efficiency.

Technical specification

Temperature Indicator	6 channel digital
Tilt Range	0-60 degree
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 Heater Training Demonstration Unit is designed for ITI, polytechnic and TVET laboratories. Students measure inlet and outlet temperatures and flow to calculate useful heat gain and thermal efficiency.

Features

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- Flat plate collector with absorber
- Insulated storage tank
- Thermometers or digital thermocouple indicator
- Circulation pump with flow meter
- Tilt angle adjustment

Technical Specifications

Collector Area	1 sq m
Absorber	Copper tubes on black coated sheet
Tank	25 litres insulated
Flow Rate	0-2 lpm