

Product Name : Simulator Of Solar Thermal Combi System For Space Heating And Domestic Water Heating	Product Code : DM106
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Description :

Simulator Of Solar Thermal Combi System For Space Heating And Domestic Water Heating

Technical Specification :

Simulator Of Solar Thermal Combi System for Space Heating and Domestic Water Heating
Coloured panel reproducing a typical solar thermal combi system for space heating and domestic water heating
Data acquisition and actuators control board
PC connection via USB cable
9 potentiometers to simulate the following analog inputs:
Solar collector outlet temperature
Temperature at the tank bottom
Solar controller setpoint
Temperature at the tank top
Domestic hot water tank setpoint
Temperature at the 2nd tank bottom
Temperature at the 2nd tank top
Outdoor temperature
Space heating supply water temperature
3 bar-LEDs to simulate the following analog outputs:
- Space heating water supply temperature based on outdoor reset control
- Space heating mixing valve control signal
- Space heating pump speed
4 switches to simulate the following digital inputs:

- System enabling
 - Room thermostat
 - 2nd room thermostat
 - Domestic hot water request
- 6 LEDs to simulate the following digital outputs:
- Solar circuit pump status
 - Solar circuit diverting valve status
 - DHW integration electric heater status
 - Primary and secondary loop space heating pump state
 - Primary loop diverting valve and burner state
 - Ædrain backÆ• system DHW primary loop pump status

Application software developed Power supply: 230 Vac 50 Hz Hz single-phase - 200 VA

Dimensions: 42 x 40 x 12 cm

Net weight: 6-10 kg.

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