

**Product Name :**  
Refrigeration Simulator

**Product Code :**  
DM995



**Description :**

Refrigeration Simulator

**Technical Specification :**

Refrigeration Simulator  
Color panel representing the refrigeration system  
Board for data acquisition and control of output signals to the actuators  
Connection with PC via USB cable  
3 potentiometers for simulating the following analog inputs:  
L.T. room air temperature set-point  
M.T. room air temperature set-point  
M.T. room air relative humidity set-point  
7 bar graph LEDs for simulating the following analog outputs:  
L.T. room air temperature  
L.T. room product temperature  
M.T. room air temperature  
M.T. room product temperature  
M.T. room air relative humidity  
Control signal of the electronic expansion valve motor  
Control signal of the evaporation pressure regulator motor (M.T. room)  
4 switches for simulating the following digital inputs:  
System operation enabling - cold rooms thermal insulation  
L.T. room solenoid valve enabling - M.T. room solenoid valve enabling  
6 LEDs for simulating the following digital outputs:

System enabling - compressor enabling - L.T. room solenoid valve enabling - M.T. room solenoid valve enabling  
Freezing cycle operation - refrigeration cycle operation  
Program for simulating the operation of the refrigeration unit control system  
Creation software that can be used to modify the applications programs according to customer's needs.  
Power supply: 230 Vac 50 Hz single-phase - 200 VA (Other voltage and frequency under request)  
Dimensions: 42 x 49 x 12 cm  
Net weight: 6 kg.

## Naugralabequipments

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