



CODE **GT1039**
OVERALL DIMENSIONS 3900x1450x1700 mm
MAX SIZE OF TESTING TILES 800x800 mm
POWER 7,5 kW
WEIGHT 1130 kg

CLIMATIC CELL FROST RESISTANCE - 800**STANDARD**

UNI EN ISO 10545 -12 ,EN 202, ASTM C-1026,GOST 27180

DESCRIPTION

Instrument for frost test resistance on ceramic tiles, roof or a like products from room temperature up to $-25\text{ }^{\circ}\text{C}$. The tiles under go at least some 100 thermal-shocks ($-5\div +5\text{ }^{\circ}\text{C}$ and $-15\div +15\text{ }^{\circ}\text{C}$) by repeated immersions or water spraying (the cycles are stored into the microprocessor).

The climatic chamber is programmed to do the UNI EN ISO 10545-12 and EN202 Standards. Other standard on request.

TECHNICAL SPECIFICATIONS

- Steel carrying framework epoxy powder painted, thermal insulated by high density boards
- Stainless steel sliding door thermal insulated to access chamber test
- Stainless steel chamber test equipped with a forced ventilation system for the uniform temperature distribution onto the samples
- Porthole \varnothing 200 mm and lighting for inside inspection during the test
- Stainless steel sample basket
- Thermoregulator and probe Pt100 inserted into a ceramic tile for temperature control during the test
- Stainless steel tank for water circulation during the test equipped with heating elements and probe Pt100
- System with integrated pump to spray the water on specimens
- Microprocessor programmer for thermal cycle
- Pre-setting ISO 10545-12 and EN-202 cycles
- Chart-recorder to check the working cycle
- Supply: 400 V- 50 Hz three phase + neutral (other voltage on request)
- "Touch screen control panel with TFT color to 3,5"
- Saving data and parameters on USB key

ACCESSORIES AND SPARE PARTS

GT0126	Probe Pt 100
GT1323	Paper roll for chart-recorder