CODE **GT1736**
MODEL . . . . . **THERMAL SHOCK-650**
OVERALL DIMENSION . . . 850x400x1000 mm
USEFULL DIMENSION . . 650X650 mm
WEIGHT . . . . . 50 kg

CODE . . . . . **.GT0831**
MODEL . . . . . **.THERMAL SHOCK-800**
OVERALL DIMENSION . . . 1000x400x1150 mm
USEFULL DIMENSION . . . 800X800 mm
WEIGHT . . . . . 70 kg

CODE **GT1737**
MODEL . . . . . **THERMAL SHOCK-950**
USEFULL DIMENSION . . 950x950 mm
WEIGHT . . . . . 95 kg

CODE **GT1900**
MODEL . . . . . **THERMAL SHOCK-650x1250**
OVERALL DIMENSION . . . 1510x440x920 mm
USEFULL DIMENSION . . 650x1250 mm
WEIGHT . . . . . 90 kg

CODE **GT0832**
MODEL . . . . . **THERMAL W - 700**
OVERALL DIMENSION . . . 770x770x240 mm
USEFULL DIMENSION . . 700X700 mm
WEIGHT . . . . . .25 kg

CODE **GT1768**
MODEL . . . . . **THERMAL W - 1200**
OVERALL DIMENSION . . . 1400x1220x350 mm
USEFULL DIMENSION . . 1200x1000 mm
WEIGHT . . . . . 60 Kg

THERMAL SHOCK TANK

STANDARDS

UNI EN ISO 10545 - 9

DESCRIPTION

Determination of resistance to thermal shock on ceramic tiles:

- ***THERMAL:***
  If the glazed tiles are showing an absorption coefficient ≤ 10% (m/m) must be immerged in a tank "THERMAL" with a water flow of 4 lt/min and a temperature of 15 ± 5 °C, with a sufficient dept to allow the tiles to be placed vertically, immersed and so that are not in contact with each other.

- ***THERMAL-W:***
  If the glazed tiles are showing anabsorption coefficient>10% (m/m) must be use the tank "THERMAL-W".An aluminium plate of # 5 mm must to be put in the tank. The aluminium plate must have the lower flat surfaces to stay in con tact with a water flow of 4 lt/min. while the upper surface must stay covered with a layer of 5 mm thickness of aluminium grains (diameter from 0,3 up to 0,6 mm) onto which the tile must lay with it's glazed face towards the grains.The temperature must be kept to 15 ± 5 °C. For both testings:after the tiles have been for 5 min.at low temperature, take them im mediately into an oven with temperature 145 ± 5 °C sand then just repeat the test. The above procedure has to be carried out for 10 times.

TECHNICAL SPECIFICATIONS

- *Tank supplied with tap and water flow meter*
- *Aluminium plate and grains (THERMAL-W)*
- *Holder tiles basket (THERMAL)*

EQUIPMENT

- *Stainless steel basket to hold the tiles (THERMAL).*
- *Aluminium plate with 2 kg of aluminium grains (THERMAL-W)*

ACCESSORIES AND SPARE PARTS

GT0833	Packing of 2 kg aluminium grains
GT1566	Chiller