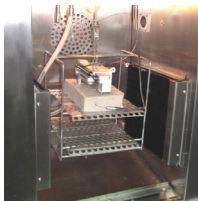
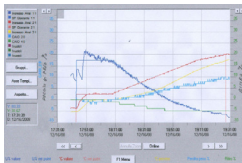




**CODE** ..... **GT0443**  
**EXTERNAL DIMENSION** ..... **720x600x1900 mm**  
**WEIGHT** ..... **150 Kg**



## RETRACTOMETER

### DESCRIPTION

Instrument for data recording in real-time of weight loss, shrinkage and internal temperature of a ceramic sample, or other material, subjected to a drying cycle in a room controlled in temperature and humidity.

The measuring system is consisting of a stainless steel chamber with forced air circulation, to allow the presetting cycle in temperature-humidity with the following limits:

- **Temperature** : 20 °C ÷ 140 °C.
- **Relative humidity H.R.** : 0% ÷ 100%.

The test chamber is provided by the following equipments: forced air circulation, heating, cooling and steam generator. During the test, the sample complete of in it the shrinkage transducer and a probe - is put on a balance and monitoring to a PC that record all the variation happened during the test. Notebook, operating system by Windows, softwares, printer.

### TECHNICAL SPECIFICATIONS

- Thermal cycle programmer by means of microprocessor.
- Maximum dimensions for the sample: 100x200 mm.
- Software for PC right to thermal cycle program and data recording variation:
  - Chamber temperature: ..... + 20 to 140 °C
  - Chamber humidity: ..... from 0% up to 100%
  - Inside sample temperature: ..... resolution 1°C
  - Loss weight: ..... %
  - Loss weight: ..... resolution 1 g
  - Shrinkage: ..... %
  - Shrinkage: ..... resolution 0,1 mm
  - Supply: ..... Volt. 230 - 50 hz single phase
  - Compressed air: ..... max 7 Bar
  - Power supply: ..... 230 V
  - Air compressed: ..... max 7 bar

### EQUIPMENT

- Shrink-test instrument with software data storage, PC and printer