



CODEGT0443
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:

- Maximum working temperature :120 °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

Dimensions for the sample: Standard 75x150x28

Software for PC right to thermal cycle program and data recording variation:

- Max Chamber temperature: 120 °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