



CODEGT2680
 MODEL SHRINK-LOGGER
 OVERALL DIMENSION 169x55x52 mm
 SUPPLY battery
 WEIGHT 0,4 Kg



PORTABLE SHRINK - LOGGER

DESCRIPTION

Portable instrument dedicated to the analysis of the drying process for the ceramic industry by controlling temperature, humidity and shrinkage. Data analysis via USB interface and dedicated software that allows you to compare up to 4 tests in a single graph, displaying temperature, humidity and shrinkage

TECHNICAL SPECIFICATIONS

- Measured size: Temperature, Humidity and Shrinkage
- Sensor: Temperature: Pt100 | Humidity: Capacitive
Shrinkage: Linear potentiometer
- Measuring range: Temperature: -30,150 °C | Humidity: 0,100 %
Shrinkage: 20 mm
- Resolution: Temperature: $\pm 0,1$ °C | Humidity: $\pm 0,1$ %
Shrinkage: $\pm 0,1$ mm
- Accuracy: Temperature: $\pm 0,2$ °C range: 0,140 °C
Humidity: ± 4 % range: 2,98 %
- Memory: 16000 acquisition per measurement channel
- Sampling rate: from 1 second to 59 minutes and 59 second
- Battery: User replaceable high temperature battery
- Dimension: 169 x 55 x 52 mm (length x width x height)
- Housing: 316 L stainless steel
- Software: simple software for programming, downloading and data treatment in windows
- Certification: It is possible to request a certificate of calibration
- Software Acquisition: it is possible to program till 6 different acquisitions. At the end of an acquisition starts the next one. Each acquisition has duration and sampling frequency that can be freely planned
- Acquisition start: the acquisition start is freely planned inserting the date and the hour that someone wants
- Graph: The temperature, humidity and contraction curves are put in a graph at whole screen. In the upper part of the graph there is a schedule which summarizes numerically the recorded values

EQUIPMENT

- 320x230x150mm, software CD, USB adapter, user manual