



nuova osar
Via E. De Amicis, 6/G - 20089 Rozzano (MI)
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<http://www.nuova-osar.net>

TECHNICAL FEATURES

Thermored moisture Determination Balance

MAIN CHARACTERISTICS

- Double walled with air space, stainless internal wall
- Four quartz lamps infrared emitting
- Temperature sensor: Pt 100 thermoresistance.
- Temperature control: digital by microprocessor.
- Thermal response time: from 50°C to 100°C, about 1 min.
- Temperature range: from 50°C to 160°C by 1°C.

Mod. THERMORED

- Temperature - time mode:
 - Temperature setting from 50°C to 160°C by 1°C. Timer from 1 to 99 min. by 1 Min.
 - Autostop mode: temperature setting from 50°C to 160°C by 1°C
 - Moisture loss rate for autostop setting from 0.1% to 99.9%.
 - Moisture range: from 0.01% to 100.00%
 - Solid range : from 100.00% to 0.01%
 - Drying precision +- 0.1%
 - Acoustic alarm and reading hold at the test cycle and.
 - Test repeat using last time and temperature data.

Mod. THERMORED MEMORY

- Temperature-time mode:
3 different temperature values settings from 50°C to 160°C. by 1°C Timer settings from 1 sec. to 2H.59 min.59sec.
- Autostop mode: temperature setting from 50°C to 160°C by 1°C
 - Moisture loss rate for autostop settings from 0.1% to 99.9% - 1 sec. to 99 sec.
- Simultaneous data displayed on graphic LCD :
 - moisture loss
 - setting time
 - heater current temperature
 - moisture loss rate (autostop mode)
 - setting temperature
 - elapsed time from test start
 - sample weight during drying progress
- At the drying progress end will be displayed:
 - moisture percentage (0.01%-100.00%)
 - moisture/solid
 - solid percentage (100.00%-0.01%)
 - -initial weight/solid)
- Archives: 100 products in memory:
 - For any product it is possible to insert:
 - code name nominal moisture
 - minimum moisture
 - maximum moisture.
 - drying method.
- From archives it is possible to execute the drying process just selecting the product code:
 - Drying precision +- 0.1%
 - Dimensions (W x D x H): 190x340x235 mm.



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- Pan diameter: 110 mm.
- Power requirements :220V. - 50/60Hz.
- Heater power: 400W.

Thermoray moisture Determination Balance



- Fast determination of moisture percentage of 10 g. samples (solid and granular substances, powders, etc.).
- 250 W. infrared lamp.
- Direct reading of moisture on a wide dial.
- Magnetic damped balance movement.

SPECIFICATION

- Pan capacity 10 g.
- Dial rage 0-20% / 20/40%.
- Accuracy 0.1%
- Pan diameter 120 mm.With wind shield air drafts.
- Timer 0-30 minutes.
- Magnetic damped balance movement.
- 250 W.infrared lamp.
- Potentiometer and V.meter to adjust lamp power.
- Operates220 V., 50 Hz.
- Cord and safety plug.
- Overall dimentions mm. 380 x 160 x 500H
- Net weight kg.7.