

**DUBNOFF WATERBATH WITH
HORIZONTAL OSCILLATION**

MOD. 750

COD. 29910008



CE

DESCRIPTION

Dubnoff waterbath with horizontal oscillation is widely used in the chemical, industrial and pharmaceutical fields. Dubnoff unit maintains test tubes, beakers and flasks in constant stirring

Condensate-free hinged cover lid in stainless steel Aisi 304. Cock for water drain. Outer casing made of powdered painted steel acids resistant. Internal tank in stainless steel Aisi 304. Inner basket and work plane with horizontal oscillation, in stainless steel Aisi 304. Main switch bright.

WARNING:

DO NOT USE DISTILLED WATER, ONLY DEIONIZED OR DESCALED WATER

OPERATING FEATURES

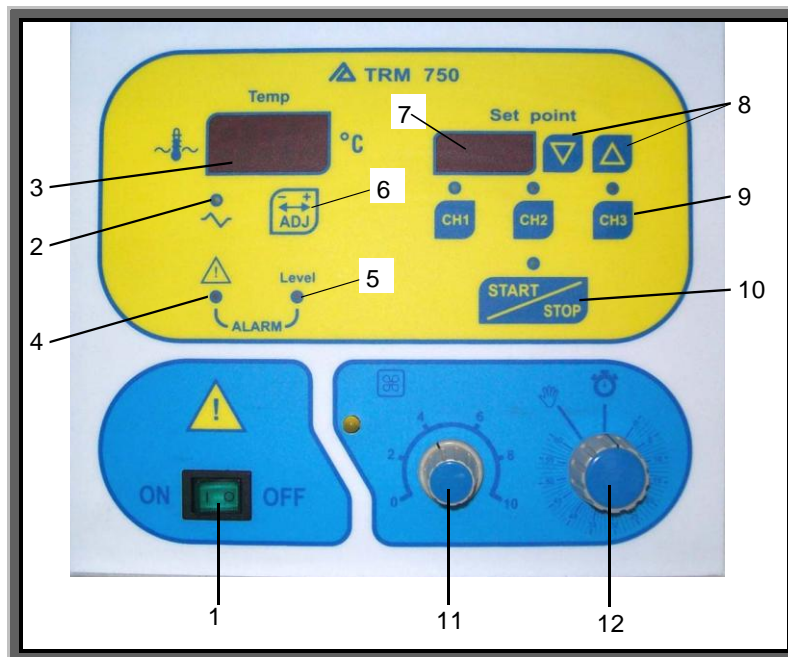
TECHNICAL SPECIFICATIONS

- ◆ Electronic regulation of oscillation in range 40 to 150 per minute. Oscillation amplitude: 14 or 24 mm.
- ◆ It is possible to utilise it in a continuous way or for a preset period up to 60 minutes by using the timer control.
- ◆ HCMOS technology microprocessor controlled.
- ◆ Liquid temperature in the tank measurement by PT100 thermal sensitive probe, visualisation on left display with resolution 0.1°C, precision +/- 1 °C
- ◆ Set-point temperature indication on right display, settable from 10.0 to 99.9 °C by steps of 0.1 °C.
- ◆ Three programmable channels directly recalled by operator.
- ◆ Digital calibration of +/- 2 °C.
- ◆ Alarm indication of failure probe and low water level.
- ◆ Indication of heating resistance operation.
- ◆ Anti-splash protection degree IP 54.
- ◆ Test panel following the EMI IEC 801.4 regulations.
- ◆ Discharged tap.
- ◆ Stainless steel inner tank suitable to contain 2 test leads with 36 seats diam.mm 18 or other containers.
- ◆ Work area dimensions WxDxH: 360 x 260 x140 mm = Capacity 13 litres.
Maximum height useful with closed cover 220 mm.
- ◆ Work surface dimensions WxD: 360x260 mm.
- ◆ Overall dimensions WxDxH: 770 x 400 x 380 mm.
- ◆ Weight: 20 Kg.

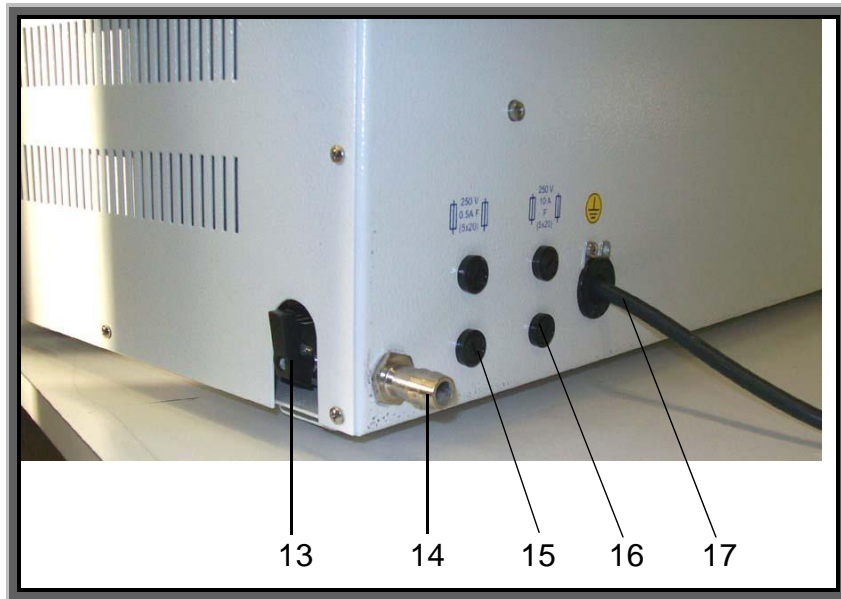
ELECTRICAL SPECIFICATIONS

- ◆ Power supply: 230 V - 50 Hz.
- ◆ Electrical input: 1530 W
- ◆ Overload fuses: 2 x 10 AF (5x20) mm. + 2 x 0.5 AF (5x20) mm.
- ◆ Connection outlet: 16 A

PARTS LIST



- 1 Main switch bright
- 2 Resistance ignition led
- 3 In tank liquid temperature display
- 4 Failure probe led
- 5 Low water level led
- 6 Temperature calibration button
- 7 Setted temperature display
- 8 Up-down temperature value regulation buttons
- 9 Programmable channels buttons
- 10 Cycle starting and stopping button
- 11 Stirrer speed controller
- 12 Stirrer timer



- 13 Discharge water cock
- 14 Discharge water
- 15 Heating overload fuses
- 16 Shaking Overload fuses
- 17 Power cable

ACCESSORIES

- ◆ Cooling loop for the maintenance of the liquid below ambient temperature, 2 outputs with hose for connecting to external circuit loop.
- ◆ Stainless steel basket for flasks, bottles and beakers:
 - n. 20 positions of 50/100/125 cc.
 - n. 12 positions of 150/250 cc.
 - n. 6 positions of 500 cc.
 - n. 3 positions of 1000 cc.
 - n. 2 positions of 2000 cc. (with flasks and bottles cover open)
- ◆ Stainless steel tilted basket for test tubes
 - n. 20 positions \varnothing 30 mm ml 50
 - n. 48 positions \varnothing 13 / \varnothing 18 mm ml 15
 - n. 10 positions \varnothing 30 mm. and 24 positions \varnothing 18 mm.
 - n. 16 positions \varnothing 40 mm.
- ◆ Separate cells holder for unfreezer plate bags (it can contains n° 8/10 bags gr. 400)
- ◆ Stainless steel basket with clips 30 positions for horizontal tubes \varnothing 15 mm. x 45 h.
- ◆ Stainless steel basket with clips 10 positions for horizontal tubes \varnothing 30 mm. x 115 h.
- ◆ Others by request

