

# **THERMOSTATIC WATERBATH**

**MOD. 740**

**COD. 29950001**



**CE**

## DESCRIPTION

It is widely utilised in the chemical, industrial and pharmaceutical fields. Microprocessor operation on HCMOS technology. Temperature rate and set point display indication. Temperature measurement by precision probe PT100, adjustable from environment temperature to 99.9° C, resolution 0.1 °C. Level gauge to show liquid insufficient level. Condensate-free hinged coverlid. Cock for water drain. Outer casing in powdered painted steel acids resistant, internal tank in stainless steel Aisi 304 suitable to contain 3 test tubes holders each one of 36 positions Ø 13/18 mm, 5 test tubes holders each one 24 positions Ø 13/18 mm or others containers. Inner plane in stainless steel Aisi 304. Main switch bright.

### **WARNING:**

**DO NOT USE DISTILLED WATER, ONLY DEIONIZED OR DESCALED WATER**

## OPERATING FEATURES

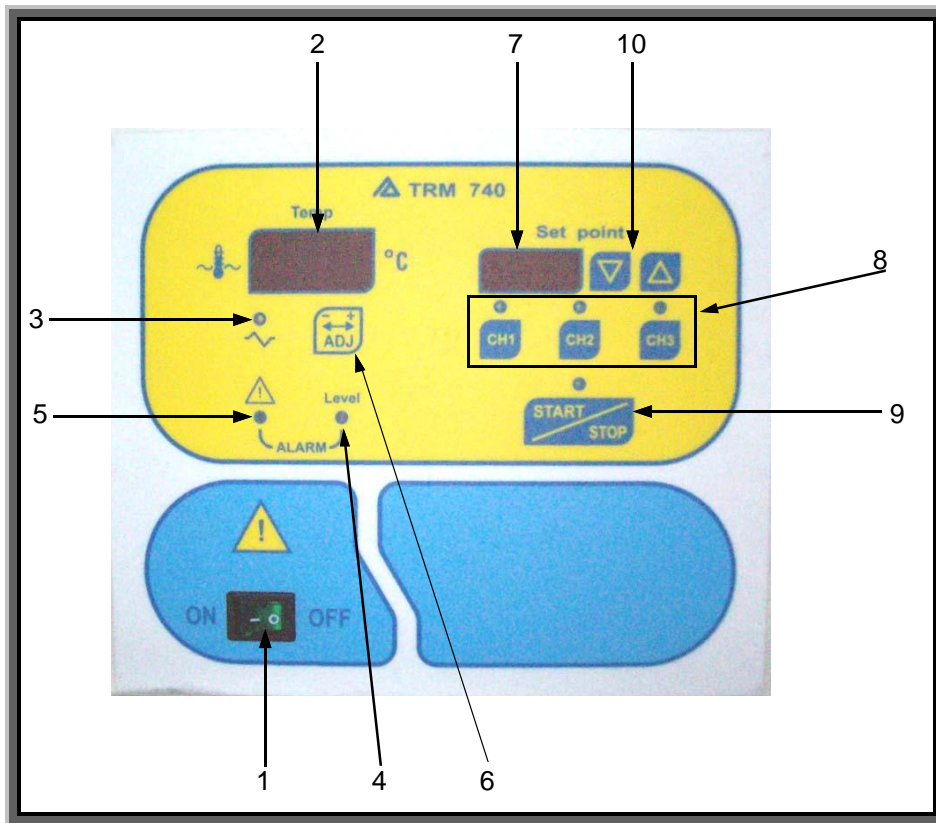
### **TECHNICAL SPECIFICATIONS**

- ◆ HCMOS technology microprocessor controlled.
- ◆ Temperature measurement by PT100 thermal sensitive probe
- ◆ Temperature readings on three 10 mm displays, f.s. 10.0 - 99.9 ° C, resolution 0.1 °C.
- ◆ SET indication on three separate 7 mm displays, settable from 10.0 to 80.0 °C by steps of 0.1 °C.
- ◆ Three programmable channels directly recalled by operator.
- ◆ Digital calibration of +/- 2.0 °C.
- ◆ Alarm indication of failure probe and low water level.
- ◆ Indication of heating resistance operation.
- ◆ Antisplash protection degree IP 54.
- ◆ Test panel following the EMI IEC 801.4 regulations.
- ◆ Internal tank dimensions: 440 (width) x 300 (depth) x 180 (height) mm. / Vol. 23 litres. Maximum height useful with cover 240 mm
- ◆ Overall dimensions WxDxH: 770 x 400 x 380 mm.
- ◆ Weight: 15 Kg

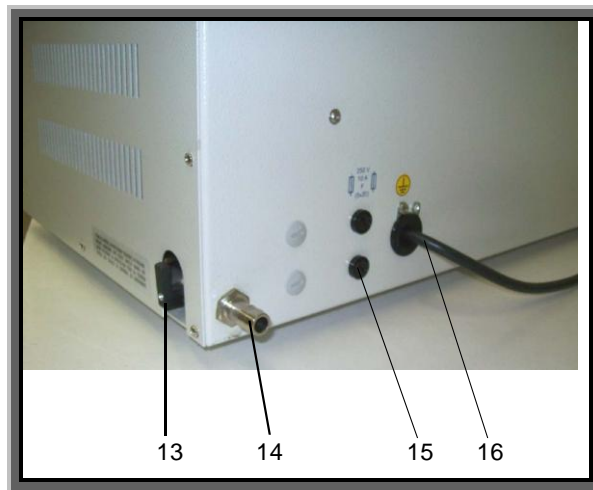
### **ELECTRICAL SPECIFICATIONS**

- ◆ Power supply: 230 V - 50 Hz.
- ◆ Electrical input: 1500 W
- ◆ Overload: 2 fuses x 10 AF (5x20) mm.
- ◆ Connection outlet: 16 A

## PARTS LIST



- 1 - Main switch bright
- 2 - Temperature display
- 3 - Resistance ignition led
- 4 - Low water level led
- 5 - Failure probe led
- 6 - Temperature adjustable button
- 7 - Temperature display
- 8 - Channel buttons
- 9 - Cycle starting and stopping button
- 10 - Up/down temperature values regulation buttons



- 13 Cock - discharge water
- 14 Discharge water
- 15 Heat overload fuses
- 16 Power cable

## ACCESSORIES

- ◆ Cooling loop for the maintenance of the liquid below ambient temperature, 2 outputs with hose for connecting to external circuit loop or thermocryostat ASAL mod. 820.

Inner tank is suitable to contain:

- ◆ 5 stainless steel test tubes holders each one of 24 positions Ø 13/18 mm.

