



THERMOSTAT DRY-BLOCKS

WITH DIGITAL ELECTRONIC CONTROL OF TEMPERATURE AND TIME

SAFETY: CONFORMS TO EN 61010 DIRECTIVE, OVER TEMPERATURE CUT OUT SYSTEM.

High precision. Free from contamination.

APPLICATIONS

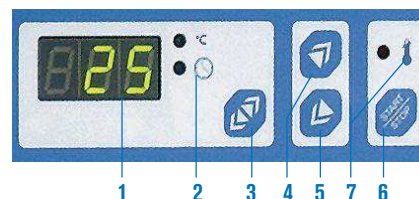
Clinical, biochemical and chemical laboratories. Incubation of DNA, enzyme assays, residual testing in dairy, incubation and fusion of AGAR, cell culture. Thermo control to dry, boiling, evaporation, concentration, hydrolysis, digestion etc.

COMMON FEATURES

Dry block systems have several advantages over wet contact methods such as: no risk of evaporation of heating liquid, higher working temperatures, better long term temperature stability and no sample cross contamination or germination of bacteria in the bath. Digital temperature calibration. Timer from 1 to 999 minutes or continuous operation. Over temperature alarm. Heating elements are distributed evenly across the contact surface maintaining an even distribution of heat.

Easy to use digital temperature and time control with a digital display (3 Digits). Built in temperature sensor Pt 100. Interchangeable blocks made of anodised DURAL alloy to accommodate a variety of tube diameters. (Customer specific sizes also available.) External case made of epoxy covered steel with an AISI 304 stainless steel top.

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CONTROL PANEL

1. Digital display showing temperature and time in minutes.
2. Indicator show displayed parameter (Time or temperature.).
3. Push button selector to show time or temperature.
4. Push button increase displayed value.
5. Push button decrease displayed value.
6. Push button Start / Stop.
7. Over temperature alarm indicator.



Dry block heater for tubes "Tembloc"



ACCESSORIES

Metal blocks, size: 105 Ø x 55 mm high.

Part No.

- 7000346** for 34 x 6 mm Ø tubes
- 7000714** for 18 x 1.5 ml. Eppendorf tubes
- 7001224** for 24 x 12 mm Ø tubes.
- 7001618** for 18 x 16 mm Ø tubes.
- 7000208** for 8 x 20 mm Ø tubes.
- 7000256** for 6 x 25 mm Ø tubes.
- 7000715** Blank block with no holes for customized demand.

MODEL

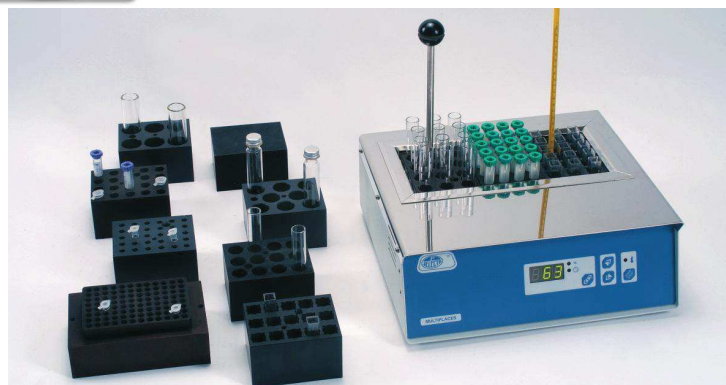
Part No.	Temperature °C	Stability °C	Homogeneity %	Set error %	Resolution °C	Height / Width /Depth (exterior) cm	Power W	Weight Kg
7462200	30 - 200	±0.75	±1.5	±2	1	11 19 29	350	3.7

Supplied complete with thermometer 0-200 °C and extraction tool for blocks.



Dry Block heater for tubes "Multiplaces"

CAPACITY: THREE BLOCKS.



ACCESSORIES

Metal Blocks: 55 high x 95 wide x 75 mm deep.

Part No.

- 7000306** For 30 x 6 mm Ø tubes (total 3 blocks = 90 tubes).
- 7000716** For 20 x 1.5ml, Eppendorf tubes. (total 3 blocks = 60 tubes.)
- 7031220** For 20 x 12 mm Ø tubes (total 3 blocks = 60 tubes).
- 7031612** For 12 x 16 mm Ø tubes (total 3 blocks = 36 tubes).
- 7003208** For 8 x 20 mm Ø tubes (total 3 blocks = 24 tubes).
- 7001256** For 6 x 25 mm Ø tubes (total 3 blocks = 18 tubes).
- 7000717** Blank block without holes, can be customised to customer requirements.
- 7001474** Block for 15 cuvettes 10 x 10. Capacity: 3 blocks.
- 7001475** Block for 96 well microplates of 1.2 ml. Capacity: 1 block.

MODEL

Part No.	Temperature °C	Stability °C	Homogeneity %	Set error %	Resolution °C	Height / Width /Depth (exterior) cm	Power W	Weight Kg
7471200	30 - 200	±0.75	±1.5	±2	1	11 31 31	700	7.4

Supplied complete with thermometer 0-200 °C and extraction tool for blocks.



Metallic thermostat dry block "Clinic-Bloc" and "Bio-Bath 2"

CLINIC-BLOC: FIXED TEMPERATURE OF 37 °C WITH CHECK THERMOMETER.

BIO-BATH 2: TEMPERATURE RANGE: FROM AMBIENT +5 TO 100 °C.

SAFETY: NORM EN 61010. OVER TEMPERATURE CUT-OUT FITTED.

"CLINIC-BLOC"

Capacity 20 tubes (5x4) of 75x13 mm. VAC. Part No. **7001569**

"CLINIC-BLOC" 1537

Capacity 15 cuvettes (5x3) of 10x10 mm. Part No. **7001570**

MODEL

Part No.	Height / Width /Depth (exterior) cm			Stability °C	Power W	Weight Kg
7001569	11	18	28	±0.5	10	2.4
7001570	11	18	28	±0.5	10	2.4

"BIO-BATH 2"

Capacity 8 tubes (5x4) of 75x13 mm VAC.

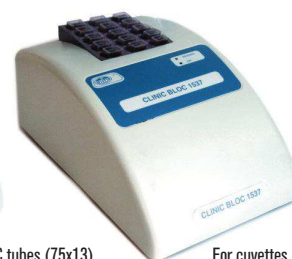
Adjustable temperature and time.

MODEL

Part No.	Height / Width /Depth (exterior) cm			Stability °C	Power W	Weight Kg
7001562	11	11,3	14,5	±0,3	5	0,5



For VAC tubes (75x13)
Part No. 7001569



For cuvettes (10x10)
Part No. 7001570



**NEW
DESIGN**

COMECTA Thermo shaker "TRM-4" for Microtiter plates

WITH ELECTRONIC CONTROL AND DIGITAL DISPLAY OF TEMPERATURE, SHAKING SPEED AND TIME.
FOR TEMPERATURES FROM AMBIENT +5 °C. TO 60 °C. STABILITY ± 0,5 °C.

OPTIC
ivymen
SYSTEM

APPLICATIONS

For clinical analysis, immunology and nutritious quality control use.

FEATURES

External ABS case with a platform for heating and shaking 2-4 96-well Microtiter plates.

Upper lid with aluminium plate coated inside, and simultaneous heating system to the main platform.

Digital display of current and set point temperature, time and shaking speed parameters.

Acoustic and luminous indications at the end of the cycle and due to malfunction in temperature or time programmed.

A built-in motor generates a uniform movement depending on the speed programmed, protected to over temperature with auto switch off and switch on activation.

Temperature calibration to meet the user's needs.

Protection device for over temperature that provides safety and reliability.

CONTROL PANEL

LCD display indicating temperature, speed in r.p.m. and time.

Push button **SET** to program temperature, speed in r.p.m. and time.

Push button **▲** increase value.

Push button **▼** decrease value.

Push button **START / STOP** for starting and stopping the shaking system.

Push button **OFF** for any function.

SPECIFICATIONS

Temperature: Ambient +5°C to 60°C.

Heating time: ≤23 min (to 60°C).

Shaking range: 100-1200rpm.

Orbital rotation: 2mm.

Timer: From 1 min. to 99h. 59 min.

MODEL

Part No.	Temperature °C	Stability °C	Block homogeneity °C	Height / Width (platform) cm	Height / Width / Depth (exterior) cm	Power W	Weight5 Kg
5109200	ambient +5 to 60	±0,5	±0,5	21,5 30	18 40 39	132	9.5



Cover inner plate with
heating system.

COMECTA Metallic dry block thermo shaker "TR100-G"

WITH ELECTRONIC CONTROL AND DIGITAL DISPLAY OF TEMPERATURE, SHAKING SPEED AND TIME.
FOR ADJUSTABLE TEMPERATURE FROM AMBIENT +5 °C. UP TO 100 °C.



APPLICATIONS

Wide applications of TR100-G for DNA analysis, lipids and other cellular components extraction, DNA libraries creation, DNA amplification, electrophoresis pre-denaturalization, serum solidification, etc.

FEATURES

External ABS case with multiadapter device for different blocks depending on the analysis to be made.

Digital display of current and set point temperature, time and shaking speed parameters.

Acoustic and luminous notification at the end of the cycle and due to malfunction in temperature or time programmed.

A built-in motor generates a uniform movement depending on the speed programmed, protected to over temperature with auto switch off and switch on activation.

Temperature calibration to meet the user's needs.

The thermostat includes a heater platform to adapt multiple blocks, depending on the analysis to be made.

Protection device for over temperature that provides safety and reliability.



CONTROL PANEL

LCD display indicating temperature, speed in r.p.m. and time.

Push button SET to program temperature, speed in r.p.m. and time.

Push button ▲ increase value.

Push button ▼ decrease value.

Push button START / STOP for starting and stopping the shaking system.

Push button OFF for any function.

SPECIFICATIONS

Temperature: Ambient +5°C to 100°C.

Heating time: ≤23 min (to 100°C).

Shaking range: 200-1500rpm.

Orbital rotation: 2mm.









Timer: From 1 min. to 99h. 59 min.

MODEL

Part No.	Temperature °C	Stability °C	Block homogeneity °C	Height / Width / Depth (exterior) cm	Power W	Weight Kg
5109100	ambient +5 to 100	±0,5	±0,5	18 21 30	88	9.5

ACCESSORIES

ABS coated **metallic blocks** adapted to TR100-G thermostat by means of fixing screws to the block. Easy to clean and autoclavable.

 <p>For 24 tubes of Ø 11mm. Depth: 30 mm. Part No. 5109101</p>	 <p>For 12 tubes of 15 ml. Ø Up to 15 mm. Depth: 100 mm. Part No. 5109102</p>	 <p>For 6 tube of 50 ml. Ø Up to 28 mm. Depth: 100 mm Part No. 5109103</p>
 <p>For 96 microtubes of 0,2 ml. with polypropylene lid. Part No. 5109104</p>	 <p>For 54 microtubes of 0,2 ml. with polypropylene lid. Part No. 5109105</p>	 <p>For 15 microtubes of 0,5 ml. and 20 microtubes of 1,5 ml. with polypropylene lid. Part No. 5109106</p>
 <p>For 35 microtubes of 1,5 ml. with polypropylene lid. Part No. 5109107</p>	 <p>For 35 microtubes of 2 ml. with polypropylene lid. Part No. 5109108</p>	

Thermocycler for thermal cycles "B960" See page 238.