



**THERMOSTATIZACION
EQUIPEMENT**



THERMOSTATIZATION

“DIGISTAT” IMMERSION THERMOSTAT

“DIGI-100” Model, for adjustable temperatures from ambient +5 to 99.9°C. Stability of temperature $\pm 0.05^\circ\text{C}$, resolution 0.1°C.

“DIGI-200” Model, for adjustable temperatures from ambient +5 to 200°C. Stability of temperature $\pm 0.1^\circ\text{C}$, resolution 1°C.



CHARACTERISTICS

External case made of stainless steel AISI-304.

All the elements that are in contact with the liquid are made of stainless steel AISI-304.

Electronic thermostat by microprocessor with digital reading and selection of the temperature. The waiting time to the self-starter can be programmed from 0 to 99,5 hours. The maintaining time of temperature can be programmed from OFF to 99,5 hours.

Adjustable safety thermostat that blocks the heating system in case of over-temperature (DIN 12.879 class 2).

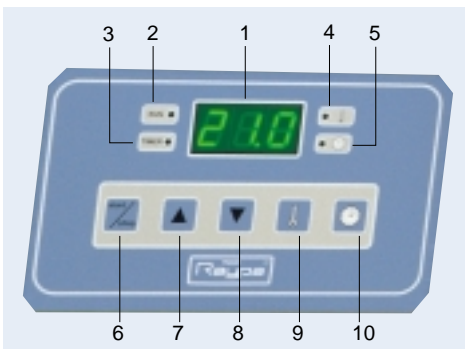
Temperature sensor PT-100 class A.

Circulation pump for stirring and external equipment temper.

Tray fixing by means of rear boss head.

Using the refrigeration unit DIPCOOL, the temperature range goes from -20°C .

CONTROL PANEL



1.- DISPLAY OF TEMPERATURE

Digital display of 3 green digits for the visualization of the temperature, and for the visualization of the different messages and values of the variables of edition and configuration.

2.- PILOT-LIGHT INDICATOR RUN

It lights up when the controller is executing the program.

3.- PILOT-LIGHT INDICATOR TIMER

It lights up when the controller is executing the waiting time.

4.- PILOT-LIGHT INDICATOR THERMOMETER

It lights up when the control is ON, it activates the heating exit.

5.- PILOT-LIGHT INDICATOR CLOCK

It lights up when the control is ON, it is executing the maintaining of temperature time.

6.- **START/STOP KEY:** To start or to stop the execution program.

7.- **UP KEY:** To increase the value of the variables of edition or configuration.

8.- **DOWN KEY:** To decrease the value of the variables of edition or configuration.

9.- **THERMOMETER KEY:** To enter in the edition of the temperature order.

10.- **CLOCK KEY:** To enter in the edition of the waiting and maintaining times.

CODE	REF.	PUMP PRESSURE	PUMP FLOW	EXT. MEASURES mm. WEIGHT x WIDTH x DEPTH	POWER W	WEIGHT Kg.
23010010	DIGI-100	130 mbar	5 l./min.	260 x 150 x 140	1.000	3
23020020	DIGI-200	130 mbar	5 l./min.	260 x 150 x 140	2.000	3

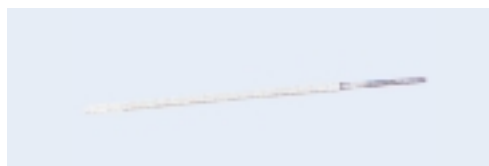
ACCESORIES



Boss head support for mercury thermometer.

Ref. NSTM

Code 90000008



Mercury thermometer

Ref. TM-100

Code 90000009

Mercury thermometer

Ref. TM-200

Code 90000012

Metallic tank totally made of stainless steel, double external body made of stainless steel AISI-304 and internal made of stainless steel 18/10.

They are grouped in two types: CM and CMA

CM: Non-aisled tank.

CMA: Aisled tank with polyurethane foam expanded, adequate to stop condensing when working with cooling units.

This thermic aisle goes for temperatures between -40°C and +90°C



90230109	CM-9	9	150 x 220 x 290	180 x 265 x 325	3,5
90230212	CM-12	12	150 x 300 x 310	180 x 325 x 350	4
90230320	CM-20	20	150 x 300 x 480	180 x 325 x 530	6,5
90230427	CM-27	27	200 x 300 x 480	230 x 325 x 530	7,5
90230545	CM-45	45	150 x 500 x 620	180 x 560 x 700	11

90230609	CMA-9	9	150 x 220 x 290	180 x 265 x 325	4
90230712	CMA-12	12	150 x 300 x 310	180 x 325 x 350	4,5
90230820	CMA-20	20	150 x 300 x 480	180 x 325 x 530	7

CIRCULATION THERMOSTATIC UNIT "UNITERM"

FOR ADJUSTABLE TEMPERATURES FROM AMBIENT +5 TO 200°C
TEMPERATURE STABILITY: UP TO 100°C $\pm 0.05^\circ\text{C}$, UP TO 200°C $\pm 0.1^\circ\text{C}$.
RESOLUTION: UP TO 99.9°C 0.1 °C, UP TO 200°C 1°C.



CHARACTERISTICS

External case heat-resistant, made of stainless steel AISI-304.

Top and cover, and all the elements in contact with liquid, made of stainless steel AISI-304.

Electronic thermostat by microprocessor with digital reading and selection of the temperature. The waiting time to the self-starter can be programmed from 0 to 99,5 hours. The maintaining time of temperature can be programmed from OFF to 99,5 hours.

Temperature sensor with thermo element PT-100 class A.

Adjustable safety thermostat that blocks the heating system in case of over-temperature. (DIN 12.879 class 2).
Circulation pump for stirring and external equipment temper.

Cooling coil to connect the water to the mains and maintain the ambient temperatures.

8 liters capacity tank.

Cover opening 200x130mm.

Control panel as the model "DIGISTAT"

CODE	REF.	PUMP PRESSURE	PUMP FLOW	EXT. MEASURES mm. WEIGHT x WIDTH x DEPTH	POWER W	WEIGHT Kg.
23030020	UNI-200	130 mbar	5 l./min.	320 x 310 x 370	2.000	10

Temperature range up to 199.9°C. Using the refrigeration unit DIPCOOL, the temperature range goes from -20°C.

REFRIGERATED ULTRATHERMOSTAT "REFRITERM"

FOR ADJUSTABLE TEMPERATURES FROM -10 °C TO +99.9 °C.

TEMPERATURE STABILITY ± 0.1 °C.

RESOLUTION: 0,1 °C.

C.F.C. Free



CHARACTERISTICS

External case heat-resistant, made of stainless steel AISI-304.

Top and cover, and all the elements in contact with liquid, made of stainless steel AISI-304.

Electronic thermostat by microprocessor with digital reading and selection of the temperature. The waiting time to the self-starter can be programmed from 0 to 99,5 hours. The maintaining time of temperature can be programmed from OFF to 99,5 hours.

Temperature sensor with thermo element PT-100 class A.

Adjustable safety thermostat that blocks the heating system in case of over-temperature. (DIN 12.879 class 2).

Circulation pump for stirring and external equipment temper.

Equipped with hermetic compressor group and with draughty condenser and steamer immersed in the tray, power 1/8HP.

8 litres capacity tank.

Cover opening 200x130mm.

Control panel as the model "DIGISTAT".

CODE	REF.	PUMP PRESSURE	PUMP FLOW	EXT. MEASURES mm. WEIGHT x WIDTH x DEPTH	POWER W	WEIGHT Kg.
23040010	RFG-10	130 mbar	5 l./min.	380 x 600 x 420	1.150	28

IMMERSION REFRIGERATOR "DIPCOOL"

"DIP-10" MODEL, FOR TEMPERATURES FROM AMBIENT TO -10°C.

"DIP-20" MODEL, FOR TEMPERATURES FROM AMBIENT TO -20°C.

C.F.C. Free

CHARACTERISTICS

Table-top equipment, made in stainless steel.

Constant cooling without temperature control.

Hermetic compressor group, anti-vibration with air cooling condenser and immersion cooling coil in stainless steel AISI-316.

Cooling coil measures: \varnothing 32mm x 160 mm long.

Refrigerate immersion length: 900mm long.

Equipment designed to cool down liquids inside thermostatic baths that need a lower temperature than ambient.

To obtain a real temperature control it must be used together with an immersion thermostat, "DIGISTAT".



CODE	REF.	TEMP. RANGE		POWER HP	EXT. MEASURES mm. HEIGHT x WIDTH x DEPTH	POWER W	WEIGHT Kg.
		From	To				
23050010	DIP-10	AMBIENT	-10°C	1/8	330 x 275 x 350	166	14
23060020	DIP-20	AMBIENT	-20°C	1/5.	330 x 275 x 350	285	15

ACCESSORIES

Metallic tank totally made of stainless steel, double external body made of stainless steel AISI-304 and internal made of stainless steel 18/10.

They are grouped in two types: CM and CMA

CM: Non-aisled tank.

CMA: Aisled tank with polyurethane foam expanded, adequate to stop condensing when working with cooling units.

This thermic aisle goes for temperatures between -40°C and +90°C



CODE	REF.	CAPACITY LITRES	INT. MEASURES mm HEIGHT x WIDTH x DEPTH	EST. MEASURES mm HEIGHT x WIDTH x DEPTH	WEIGHT Kg.
90230212	CM-12	12	150 x 300 x 310	180 x 325 x 350	4
90230320	CM-20	20	150 x 300 x 480	180 x 325 x 530	6,5
90230427	CM-27	27	200 x 300 x 480	230 x 325 x 530	7,5
90230545	CM-45	45	150 x 500 x 620	180 x 560 x 700	11

CODE	REF.	CAPACITY LITRES	INT. MEASURES mm HEIGHT x WIDTH x DEPTH	EST. MEASURES mm HEIGHT x WIDTH x DEPTH	WEIGHT Kg.
90230712	CMA-12	12	150 x 300 x 310	180 x 325 x 350	4,5
90230820	CMA-20	20	150 x 300 x 480	180 x 325 x 530	7