

CRYOSTAT WATER BATH

521-TD



Product description

- Stainless Steel pump for internal and external circulation inside system which allows inside liquid circulation or external parts (accessories) circulation to refractometers, condensers, etc
- Exterior: corrosion resistant and epoxy powder coated
- Interior chamber: AISI 304 stainless steel
- High durability and easy-to-clean.

Technical Characteristics

- CFC free refrigerant filled
- Polyurethane Foam Insulation (PUF)
- Temperature control and reading through sensor PT100 with 0,1°C resolution
- Variety of temperature range (check technical specifications chart).

Technical Specifications

Temperature Range	521-1 Amb. +5°C to 100°C
	521-2 0°C to 100°C
	521-3 -30°C to 100°C
	521-4 0°C to 150°C
	521-5 -30°C to 150°C
Temperature control	PID
Digital display	colored 4 digit TouchScreen
Temperature sensor	PT 100
Retransmission door	4 to 20mA
Interior capacity	13L
Thermal uniformity at -25°C	± 0,5°C
Thermal uniformity at 0°C	± 0,5°C
Thermal uniformity at 37°C	± 0,5°C
Thermal uniformity at 100°C	± 0,5°C
Refrigeration capacity	20 0 -20°C
	320 250 150 W
Pump capacity	10 lpm
Pump pressure	3 to 6 psi
Refrigeration system	Hermetic compressor
Refrigerating Gas	R134a
Heating system	Stainless steel tubular resistance
Protection grade	IP 20
Electrical specs	110V or 220V 50Hz/60Hz

ethik EXCLUSIVE SOFTWARE



Better user interaction software, for easy and clear operation.



Easy and simple control programming of temperature on a colorful and graphic interface on a 3" screen.



Saves up to 10 different programs for ramp/ soak (60 segments each) with the possibility of naming each program.



Exclusive security system which allows access control (LOGIN) for every user.



Programmable software for visual alarm activation in case of higher or lower temperature than set point, and temperature differential.

INCLUDED ACCESSORIES AND COMPONENTS



- Plain lid with handle
- Operational Manual
- RBC Calibration Certificate for the temperature controller
- Connection for Data Logger (4 to 20mA)

OPTIONAL



- IQ, OQ, PQ protocols
- Software for RDC 301 and GAMP5 requirements
- Communication RS485

Criostat Water Bath 521-TD information

MODEL	INTERIOR				EXTERIOR			
	WIDTH mm	DEPTH mm	HEIGHT mm	CHAMBER CAPACITY L	WIDTH mm	DEPTH mm	HEIGHT mm	EXTERNAL VOLUME L
ALL	250	130	150	13	420	420	750	132

MODEL	HEIGHT Kg	ELECTRICAL SPECS W
ALL	15	1200