

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 17 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	ELETRICAL SPECS W						
ALL	15	1200						