

# VISCOMETER WATER BATH

521-7TD



## Product description

- Water bath normally used with Brookfield Viscometer, possible use with 600 and 1000ml beakers, exclusive stainless steel pump interior/exterior shaking system, allowing high performance temperature control in other equipment (example: refractometer, condenser, 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
- Thermal isolation with low temperature dissipation
- Temperature control and reading through sensor PT100 with 0,1°C resolution
- Microprocessor-controlled temperature with digital Led 4 digits display and 0, 1°C resolution.
- Visual alarm system settable for highest and lowest temperature and for temperature range.

## Technical Specifications

|                      |                                    |
|----------------------|------------------------------------|
| Temperature Range    | 0°C to 100°C                       |
| Temperature Control  | PID                                |
| Resolution           | ± 0,1°C                            |
| Display              | colored 4 digit TouchScreen        |
| Temperature Sensor   | PT 100                             |
| Retransmission door  | 4 to 20mA                          |
| Inner capacity       | 19L "unloaded"                     |
| 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             |

## OPTIONAL



- IQ, OQ, PQ protocols
- Software for RDC 17 and GAMP5 requirements
- Communication RS485

## INCLUDED ACCESSORIES AND COMPONENTS



- Plain lid with handle
- Operation manual
- RBC Calibration Certificate, for temperature controller
- Connection for Data Logger (4 to 20mA)

## 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.

## Viscometer Water Bath 521-7TD information

| MODEL   | INTERIOR |          |           |                    | EXTERIOR |          |           |
|---------|----------|----------|-----------|--------------------|----------|----------|-----------|
|         | WIDTH mm | DEPTH mm | HEIGHT mm | CHAMBER CAPACITY L | WIDTH mm | DEPTH mm | HEIGHT mm |
| 521-7TD | 155      | 230      | 153       | 5                  | 343      | 605      | 453       |

| MODEL    | ELETRICAL SPECS W |
|----------|-------------------|
| 521- 7TD | 1500              |