Immersion thermostat with digital control “Digiterm S-150”

ADJUSTABLE TEMPERATURE FROM AMBIENT +5°C TO 150°C.

High precision temperature control

SAFETY:
STANDARD DIN 12876. 1. SAFETY OVER TEMPERATURE THERMOSTAT WITH ADJUSTABLE MANUAL RESET 2. LOW LIQUID LEVEL FLOAT

FEATURES

Maximum working volume to maintain maximum temperature: 20 litres.
A clamp and finger screw attach the unit to the tank, alternatively the extendible support bridge accessory can be used.
Minimum fixing depth to the tank: 14 cm.
Rear connection for additional OT100 probe. Automatic selection.
Cooling coil.

CONTROL PANEL

1. Set temperature display indicator.
2. Bath temperature/time display indicator.
3. “SET” button.
4. Set value decrease/increase button.
5. Start/Stop button.





MODELS	Part No.	Control range °C	Stability °C	Height / Width / Depth (exterior) cm	Pump Pressure / Flowrate H2O	Power W	Weight Kg
DIGITERM S-150	3000543	**Amb +5 to 150**	**±0,1**	**28 18 19**	**150 mbar-12 l/min.**	**2000**	**3,9**

Accessories (See page. 110).

Immersion thermostat with TFT touch screen “Digiterm TFT-200”

ADJUSTABLE TEMPERATURE FROM AMBIENT +5°C TO 200°C.
With external refrigeration from -20 to 200.

High precision temperature control

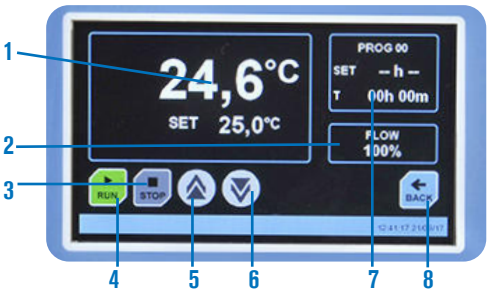
SAFETY:
STANDARD DIN 12876. 1. SAFETY OVER TEMPERATURE THERMOSTAT WITH ADJUSTABLE MANUAL RESET
2. OVER TEMPERATURE ALARM - 3. LOW LIQUID LEVEL FLOAT

FEATURES

Maximum working volume to maintain maximum temperature: 20 litres.
A clamp and finger screw attach the unit to the tank, alternatively the extendible support bridge accessory can be used.
Minimum fixing depth to the tank: 14 cm.
RS-232, USB and Ethernet output.
Cooling coil.

CONTROL PANEL

1. Set/ current temperature indicator.
2. Pump flow indicator (%).
3. Stop button.
4. Start button.
5. Push up parameter.
6. Push down parameter.
7. Set / current time indicator in hours / minuts.
8. Return button.





MODELS	Part No.	Control range °C	Stability °C	Height / Width / Depth (exterior) cm	Pump Pressure / Flowrate H2O	Power W	Weight Kg
DIGITERM TFT-200	3000544	**amb.+5 to 200**	**200 °C ±0,1**	**28 18 19**	**150 mbar-12 l/min.**	**2060**	**4,5**

Accessories (See page. 110).

Temperature control equipment for viscosity measurements for viscometers “ST-2025”

The influence of temperature while measuring viscosity is considerable, lower temperatures increase viscosity. Therefore it is indispensable to control temperature when precise viscosity measurements are required. The control of temperature by using a thermostatically controlled bath is the most efficient, because of the re-circulation of liquid produces a rapid and stable temperature.
We recommend our range of immersion thermostats for this application.

TEMPERATURE CONTROL AND CONFIGURATION FOR VISCOSITY MEASUREMENTS:
FRIGITERM-TFT-10 Part No. 3000546, **FRIGTERM-TFT-30** Part No. 3000547 Suitable for below ambient working environments (see page 106 for specifications).

For temperatures above ambient see the **DIGITERM-S-150** Part No. 3000543, or **DIGITEM-TFT-200** Part No. 3000544 complete with 12 litre tank Part No 6000391, (see pages 107 and 109 for specifications).

An adapter kit for the thermostat bath is required:
Adapter for thermostat bath comprising of an extension spindle and 4 leg adjusters for the bath. (Kit can be fitted by the user.)
This kit adjusts the bath measuring height to enable samples to be placed inside.

Part No. 1001627. Support for 2 500 ml beakers, to be placed inside the bath **(only for bucket 6000391).**

Part No. 1001628 Support base for the **DIGITERM** immersion thermostats. This accessory is recommended to close the bath and maintain a constant temperature.

CONSTANT TEMPERATURE CONTROL ACCESSORY FOR SMALL SAMPLE VOLUME ADAPTERS. USE WITH THE RE-CIRCULATING JACKET ACCESSORIES. PART NO. 1000996
To work below ambient temperatures, we recommend the use of the **FRIGITERM-TFT-10** Part No. 3000546, or **FRIGTERM-TFT-30** Part No. 3000547 (see page 106 for specifications.)

For temperatures above ambient see the **DIGITERM-S-150** Part No. 3000543, or **DIGITEM-TFT-200** Part No. 3000544 complete with 12 litre tank Part No. 6000391, (see pages 107 and 109 for specifications).

It is necessary to configure the immersion thermostats for “external re-circulation.” The Bath adapter kit is not required.



Frigiterm thermostat bath with adapter kit Part No. 1001625, fitted with a rotary viscometer.



Immersion thermostat Digiterm controlling temperature of viscometer.

Digiterm thermostat bath with support base Part No. 1001628. 12 litre bath Part No. 6000391 and adapter kit Part No. 1001625 or 1001626 To be used with a rotary viscometer and beaker support Part No. 1001627.



Support for 2 beakers 1001627

