



ST 30

Shaking Water Bath

For repetitive and reproducible shaking, the ST 30 offers precisely controlled conditions.

Microprocessor control permits homogeneous, stable temperatures throughout the bath.

Precise shaking speed is ensured by microprocessor control system and induction motor.

It is designed for shaking a variety of tubes and containers. High visibility displays and indicators ensure that the values can be read from far and near all across the laboratory.

Typical use include tissue culture studies, bacterial incubation, enzyme reactions and fermentation.

- Tank volume: 30 liters
- Temperature range: Ambient temperature +5°C / 99.9°C
- Shaking speed between 20 - 250 rpm
- Programmable microprocessor control system for shaking speed, temperature and time
- LED display for temperature, time and shaking speed
- Excellent temperature control of liquid for uniform and stable temperatures
- Seamless stainless steel tank
- Heater replaced outside the tank
- Triple insulation for homogeneous and stable temperature
- User friendly control panel
- Possibility to use different type of tubes, flasks or erlenmeyers with wide range of accessories



Technical Specifications

ST 30 SHAKING WATER BATH

Type	Shaking
Temperature Range	Ambient Temp. + 5°C / 99,9°C
Shaking Speed Range	20-250 rpm
Temperature Sensor	Fe-Const
Tank Volume, liters	30
Useful Volume, liters	18
Control System	Programmable PID Microprocessor
Displays	LED displays for temperature, time and shaking speed
Temperature Set and Display Sensitivity	0.1°C
Temperature Variation at 37°C	$\leq \pm 0.3^\circ\text{C}$
Temperature Fluctuation at 37°C	$\leq \pm 0.1^\circ\text{C}$
Timer	99,9 hours + Hold position
Internal Material	Stainless Steel
External Material	Epoxy-polyester powder coated stainless steel
Shaking Basket Dimensions (WxDxH) mm	225x350x150
Power Consumption	1650 W
Power Supply	230V, 50/60 Hz
Internal Dimensions (WxDxH) mm	300x505x190
External Dimensions (WxDxH) mm	330x626x406
Packing Dimensions (WxDxH) mm	420x700x640
Net/Packed Weight, kg	19/25

ACCESSORIES

K 52 018	Stainless steel lid for ST 30
A 08 185	Tube rack 52xØ13 mm, wide 70 mm
A 08 184	Tube rack 30xØ16 mm, wide 70 mm
A 08 182	Tube rack 27xØ18 mm, wide 70 mm
A 08 186	Tube rack 12xØ30 mm, wide 70 mm
R 01 078	Shelf for 12x100 ml flasks ST 30
R 01 015	Shelf for 6x250 ml flasks ST 30
R 01 036	Shelf for 6x100 ml flasks ST 30
R 01 038	Shelf for 4x500 ml flasks ST 30
R 01 079	Shelf for 2x1000 ml flasks ST 30



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ISO 9001: 2008
ISO 13485: 2003

