



# ST 30

## Shaking Water Bath



- Designed for shaking a variety of tubes and containers for tissue culture studies, bacterial incubation, enzyme reaction and fermentation
- User friendly, programmable, reliable and accurate PID microprocessor control system
- Precise shaking speed ensured by microprocessor control system and induction motor
- Highly visible LED displays for temperature, time and shaking speed
- Programmable delayed start function
- Safety thermostat to prevent running without water and audible and visual alarm against over heating
- Seamless corrosion resistant stainless steel tank for a longer life
- Minimized risk of contamination by the rounded corners and smooth surfaces of the tank
- Silicon sheet heaters surrounding the tank from three sides for uniform heating
- Triple insulation consisting of glass wool, aluminium layer and air gap for high efficiency
- Angled front panel to protect the controller from accidental water spillage
- Convenient drain for discharging the liquid in the tank quickly
- Possibility to use different types of tubes, flasks or erlenmeyers with wide range of accessories

## TECHNICAL SPECIFICATIONS

Tank Volume	30 litres
Useful Volume	18 litres
Shaking Speed Range	20-250 rpm
Temperature Range	Ambient Temp + 5°C / 99,9°C
Temperature Sensor	Fe-Const
Control System	Programmable Microprocessor
Display	LED Displays For Temperature, Time and Shaking Speed
Temperature Set and Display Sensitivity	0,1°C
Temperature Variation @37°C	± 0,3°C*
Temperature Fluctuation @37°C	± 0,1°C*
Timer	1 minute – 99,9 hours + Hold Position
Delayed Start Timer	1 minute – 99,9 hours
Internal Material	Stainless Steel
External Material	Epoxy - Polyester Powder Coated Stainless Steel
Power Consumption	750 W
Power Supply	230 V, 50/60 Hz
Shaking Basket Dimensions (WxDxH) mm.	300x505x200
External Dimensions (WxDxH) mm.	335x630x405
Packing Dimensions (WxDxH) mm.	420x700x640
Net / Packed Weight kg.	19 / 25

\*At 22°C ambient temperature with closed lid

## ACCESSORIES

K 52 018 Stainless steel lid  
K 04 197 Plexiglass lid (Resists up to 60°C)

A 08 185 Tube rack 52 x Ø13 mm, wide 70 mm  
A 08 184 Tube rack 30 x Ø16 mm, wide 70 mm  
A 08 182 Tube rack 27 x Ø18 mm, wide 70 mm  
A 08 186 Tube rack 12 x Ø30 mm, wide 70 mm

R 01 078 Shelf for 12 x 100 ml flasks  
R 01 015 Shelf for 6 x 250 ml flasks  
R 01 036 Shelf for 6 x 100 ml flasks  
R 01 038 Shelf for 4 x 500 ml flasks  
R 01 079 Shelf for 2 x 1000 ml flasks



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ISO 9001: 2008  
ISO 13485: 2003