



# ST 30

## Shaking Water Bath

- Designed for shaking a variety of tubes and containers for tissue culture studies, bacterial incubation, enzyme reaction and fermentation
- Reliable and accurate N-Prime™ programmable PID microprocessor control system
- User friendly control panel including large bright LED displays for temperature, time and shaking speed
- Easy programming with one button, just turn and push
- Password protected menu to secure the operation
- Programmable alarm limits
- Data recording on memory stick by means of USB port up to 125 days
- Precise shaking speed ensured by microprocessor control system and induction motor
- Programmable delayed start function for heating
- 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



**N-prime**

## 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	N-Prime™ Programmable Microprocessor
Temperature Set and Display Sensitivity	0,1°C
Temperature Variation @37°C	± 0,3°C*
Temperature Fluctuation @37°C	± 0,1°C*
Programmable Alarm Limits	± 0,5°C / 5°C
Timer	1 minute – 99,9 hours + Hold Position
Delayed Start Timer	1 minute – 99,9 hours
Selectable Recording Frequency on Memory Stick	10 or 30 seconds, 1, 5, 30 or 60 minutes
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



ISO 9001: 2008  
ISO 13485: 2003

