



# ST 30



- Ideal for applications such as tissue culture studies, bacterial incubation, enzyme reaction and fermentation and designed for shaking a variety of tubes and containers.
- Reliable and accurate N-Prime™ programmable PID microprocessor control system.
- Easy programming with one button, just turn and push.
- User friendly control panel including large bright LED displays for temperature, time and shaking speed.
- Password protected menu to secure the operation.
- Programmable alarm limits.
- Up to 125 days of recording with internal memory
- Long-term recording with external USB memory support
- Programmable delayed start function.
- Precise shaking speed ensured by microprocessor control system and induction motor.
- Safety thermostat to prevent running dry and audible and visual alarm against overheating.
- 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 type of tubes, flasks or erlenmeyers with wide range of accessories.
- Optional Wi-Fi connection for N-Mobile™

N-prime

	<b>ST 30</b>
Tank Volume, liters	29
Useful Volume, liters	12
Shaking Speed Range	20-250 rpm
Temperature Range	Ambient Temp + 5°C to 99,9°C
Temperature Sensor	Fe-Const
Control System	N-Prime™ Programmable Microprocessor
Display	Digital display for speed, temperature and time
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	1-999 minutes
Internal Material	Stainless Steel
External Material	Epoxy - Polyester Powder Coated Stainless Steel
Power Rating	1550 W
Power Supply	230 V, 50/60 Hz
Shaking Basket Dimensions (WxDxH) mm	225x350x150
Internal Dimensions (WxDxH) mm	300x503x195
External Dimension (WxDxH) mm	335x630x405
Packing Dimension (WxDxH) mm	420x700x640
Net/Packed Weight Kg.	19/25

\*At 22°C ambient temperature and closed lid

#### FACTORY FITTED OPTIONS

ST 30WF      Wi-Fi connection for N-Mobile™

#### ACCESSORIES

R 01 078	Shelf for 12x100 ml flasks	K 52 018	Stainless steel lid
R 01 015	Shelf for 6x250 ml flasks	K 04 197	Plexiglass lid (Resists up to 60°C)
R 01 036	Shelf for 6x100 ml flasks	A 08 185	Tube rack 52xØ13 mm, wide 70 mm
R 01 038	Shelf for 4x500 ml flasks	A 08 184	Tube rack 30xØ16 mm, wide 70 mm
R 01 079	Shelf for 2x1000 ml flasks	A 08 182	Tube rack 27xØ18 mm, wide 70 mm
S 09 032	Thawing basket (with 4 compartments)	A 08 186	Tube rack 12xØ30 mm, wide 70 mm
S 03 249	Melting basket (with 8 compartments)		



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ISO 13485: 2016