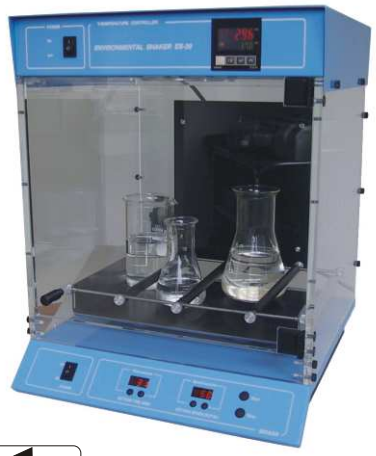
ES-20, Orbital Shaker-Incubator

ES-20



10 mm

ES-20 is a bench-top lower capacity shaking incubator.
Built-in temperature controller provides maintaining of the set temperature inside plexiglass incubator chamber. Forced air circulation provides excellent heat transfer. This instrument has been designed to provide controlled and uniform conditions for biological growth.

- 10 mm orbit
- Electronic speed control with soft start
- Speed range: 50-250 RPM
- Digital timer 1 - 999 min
- Temperature range 25-42°C
- Temperature stability 0.1°C
- Maximum load capacity - 2.5 kg
- Plexiglass chamber (7 mm thick walls)
- Universal platform, platform with clamps or flat platform available(see page 5)

General characteristics	
Overall dimensions	330x340x425 mm
Weight	13.3 kg
Power supply	220/240 V, 50/60 Hz, 100 W External power supply: 12 V, 800 mA

TS-100, Thermo-Shaker for microtubes

Thermoshaker TS-100 is a space saving, compact and cost-efficient solution for shaking and temperature control of small samples in 0.5 ml and 1.5 ml microtubes.
Applications:
– DNA analysis
– extraction of lipids and other cell components
– DNA library creation

- Microprocessor controlled time, speed and temperature
- 2 mm orbit
- Speed range: 250-1400 RPM
- Digital timer 1 min - 96 hr
- Temperature range 25-100°C
- Simultaneous display of set and actual temperature, time and speed
- Two standard interchangeable blocks for Eppendorf microtubes:
  SC-18 20x0.5 ml microtubes + 12x1.5 ml microtubes
  SC-20 20x1.5 ml microtubes
- Other non-standard block are avialable upon request:
  for 20x0.2 ml microtubes + 12x1.5 ml microtubes & for 20x2 ml microtubes

TS-100

2 mm

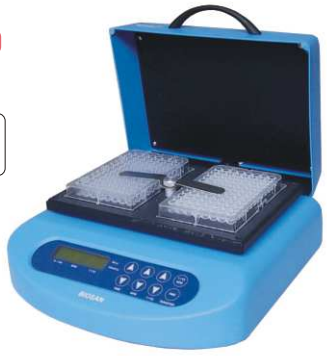
SC-18

General characteristics	
Overall dimensions	205x230x130 mm
Weight	3.5 kg
Power supply	External power supply 12 V, 4 A

PST-60HL, Plate Shaker-Thermostat

PST-60HL

2 mm



Thermoshaker PST-60HL provides several functions in one instrument:
1) microplate thermoshaker; 2) incubator for two microplates without shaking
3) microplate shaker without temperature control
The main features: – Good temperature transfer to samples due to the simultaneous heating both of the platform and upper lid.
The two-directional heating provides:
– a very good temperature stability;
– prevents condensation, which is critical when handling microvolume samples at high temperature.
Application:
– Elisa immunodiagnostics
– microorganism cultivation
– DNA analysis
– matrix analysis in molecular chemistry.

- Microprocessor controlled time, speed and temperature
- 2 mm orbit
- Speed range: 250-1200 RPM
- Temperature regulation range 25-60°C
- Nominal regulation accuracy 0.1°C
- Digital timer 1 min - 96 hr
- Loading - heating platform for 2 x 96-well microtest plates & heating lid

General characteristics	
Overall dimensions	270x260x125 mm
Weight	6.2 kg
Power supply	External power supply: 12 V, 4.16 A

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