



LabService
Providers

LABORATORY EQUIPMENT & INSTRUMENTATION
PRODUCT CATALOGUE

SHAKERS & STIRRERS

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3D SHAKER

- 3D shaker suitable for continuous use in life science, diagnostics, food and chemistry applications.
- Smooth 3D movement with little foam produced.
- Low noise level.
- Digital LED display of rotation speed and time.
- This is adjustable via the user friendly control panel.
- Maximum load of 5kg.
- Shaking frequency of 5-50 rpm/minute.
- Temperature working range of 0°C to +50°C.
- Timer: 0-120 minutes.
- Electrical connection: 100/240V, 50/60 Hz.
- Available with a range of platform dimensions, weight from 7.7 to 8.7 kg, and slope angles from 4° to 8°.



ORBITAL SHAKER

- Orbital shaker available with a large variety of accessories.
- Suitable for use in life science, diagnostics, food and chemistry applications.
- Digital LED display of rotation speed and time.
- This is adjustable via the user friendly control panel.
- Low noise level.
- Maximum load of 10 kg.
- Weight: 13.5 kg.
- Platform Dimensions: 350 mm x 400 mm
- Exterior Dimensions: 410 x 570 x 140 mm
- Shaking frequency of 50-400 rpm/minute.
- Shaking movement of 10mm.
- Temperature working range of 0 °C to +65 °C
- Timer: 0-120 minutes.
- Electrical connection: 100/240V, 50/60 Hz.
- Available platform configurations: double platform with anti-slip plate; double universal platform with 10 rollers; universal platform with 5 rollers; platform with anti-slip plate; platform of Erlenmeyer flasks; platform for separating funnels left or right side.
- Erlenmeyer flask holders available: 50ml; 100ml; 250ml; 500ml; 1,000ml; 2,000ml.



THERMOMIXER MHR13

- Single block, cooling/heating thermomixer with large temperature application range and programming options.
- Suitable for Life Science, Pharmaceutical, Medical Diagnostics, Food and Chemistry applications.
- Equipped with Peltier to heat or cool the blocks.
- Independent calibration for specific temperatures available.
- Extensive range of interchangeable, aluminium blocks (40 standard blocks plus custom made blocks).
- Smart control with 30 programmable steps: set program, cycles, steps, time, temperature, ramp time, shaking speed, interval shaking and pause.
- Orbital and linear shaking movements (3mm).
- Multi lingual controller.
- High degree of temperature display accuracy with a maximum 0.1°C deviation.
- Temperature operation range: Amb. +3°C to +130°C
- Temperature adjustable range: 0°C to +137°C
- Accuracy/resolution: $\pm 0.1^\circ\text{C}$ / 0.1°C
- Max. heating time: 11.5°C / min.
- Shaking frequency: MHR 13: 80rpm to 1500rpm.
- Orbit: 3mm orbital.
- Dimensions: 220 x 330 x 109mm.
- Weight: 6.5 kg.
- Full range of accessories available.

TK 23 THERMOSTAT

- Double block thermostat with heating and cooling curves.
- Extensive range of interchangeable, aluminium blocks (40 standard blocks plus custom made blocks).
- Glass front with LCD screen and touch keys.
- Smart control with 30 programmable steps: set program, cycles, steps, time, temperature, ramp time, shaking speed, interval shaking and pause.
- Independent calibration for specific temperatures available.
- Temperature operation range: RT -16 to +100°C.
- Temperature stability: $\pm 0.1^\circ\text{C}$.
- Temperature display accuracy: 0.1°C .
- Maximum heating per minute: 11.7°C .
- Maximum cooling per minute: -11.5°C .
- Dimensions: 220 x 330 x 144 mm.
- Weight: 6.2 kg.
- Full range of accessories available.





**LabService
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**Equipment & instrumentation for
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