

Compact Benchtop Thermomixer with Cooling Feature

Biometra TSC ThermoShaker

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- Removable block modules for microtubes up to 2 ml
- Shaker with variable adjustable speed and temperature
- Three instruments in one: thermomixer, mixer, incubator



The Biometra TSC ThermoShaker is a thermomixer with heating and cooling function, as well with a variable mixing speed from 250 rpm to 1,800 rpm. Active cooling with Peltier technology allows a temperature adjustment from + 4 °C to + 100 °C.

Five removable block modules

Choosing the temperature calibration function allows the user to calibrate the unit over a range of approx. $\pm 6\%$ of the selected temperature to compensate differences in the thermal behavior of tubes or microplates from different manufacturers. The variable shaking speed from 250 rpm to 1,400

rpm combined with the 2 mm shaking orbit and the "Soft-Start" function allows gentle to vigorous shaking.

Quality motor

The high-quality and quiet motor guarantees controlled and reproducible shaking throughout the shaking range. A special counter weight technology serves for a stable stand. Shaking can be configured for continuous or timed operation with buzzer and automatic switch-off.

- Speed from 250 up to 1,400 rpm
- Five exchangeable block modules
- Temperature range ambient –15 °C up to 100 °C
- Multiple functions in one instrument: thermoshaker, incubator and shaker



Easy handling

The Biometra TSC ThermoShaker has been designed for easy and optimal operation. Temperature, speed and time are indicated on the two-line display for set and actual values both.

Compact design

The Biometra TSC is compact, has a flat profile and a small footprint of 205 mm x 230 mm x 130 mm (W x D x H) which takes up little space. In addition, the low-voltage power supply guarantees safe working in cold rooms or incubators.

Order Information

Order number	Description
846-051-600	Biometra TSC ThermoShaker, 115/230 V, EU plug, without block modules
846-051-690	dto., 115/230 V, with US plug
Interchangeable block modules for Biometra TSC ThermoShaker	
846-051-612	Block modules for TSC, 20 x 0.2 ml + 12 x 1.5 ml tubes
846-051-613	Block modules for TSC, 20 x 0.5 ml + 12 x 1.5 ml tubes
846-051-614	Block modules for TSC, 96-well microplate or 96 x 0.2 ml tubes
846-051-615	Block modules for TSC, 24 x 1.5 ml tubes
846-051-616	Block modules for TSC, 24 x 2.0 ml tubes



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The specifications listed in this brochure are subject to change by the manufacturer and therefore cannot be guaranteed to be correct. If there are aspects of the specification that must be guaranteed, please provide these to our sales team so that details can be confirmed.

