

# 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 1,400 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
	<b>Interchangeable block modules for Biometra TSC ThermoShaker</b>
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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Pictures: Analytik Jena AG  
Subject to changes in design and scope of delivery as well as further technical development.