

# EXPANDED RANGE OF THERMOBLOCKS FOR THE BEST\* THERMO-SHAKERS IN THE WORLD

\* Probably



**TS-100, TS-100C and TS-100C Smart** — robust and reliable everyday device in your laboratory. Versatile range of available blocks, precise and accurate temperature control from +4°C up to +100°C and powerful shaking speed on 2 mm orbit reaching 1400 rpm/min can now meet the most challenging demands.



More blocks  
on website  
[www.biosan.lv](http://www.biosan.lv)



## NEW BLOCKS



## Applications



**Clinical sample preparation** — Ideal for blood, plasma and serum sample mixing in diagnostic labs, ensuring uniformity for accurate testing results.)



**Molecular biology protocols** — Facilitates consistent reagent mixing for DNA/RNA extraction, PCR, and enzyme reactions, essential for genetic and biochemical studies.



**Cell and tissue culture processing** — Supports the preparation of bacterial, yeast, or mammalian cell suspensions, crucial for microbiology and cell biology labs.



**Pharmaceutical and drug development research** — Enables precise temperature-controlled mixing of reagents and compounds for drug formulation, testing, and stability studies.

## Key features



**Compact design with low noise operation:** Space-saving and quiet, these devices fit seamlessly into any lab environment.



**Variable speed and temperature control:** Adjustable speeds ranging from 250 to 1,400 rpm and heating capabilities from +4 °C to +100 °C (model-dependent) for precise sample processing.



**Safety and durability:** Built with overheat protection, automatic shutoff features, and robust construction for long-term use in demanding labs.



**Advanced digital control and programmability:** Easy-to-use interfaces with real-time display and programmable settings.

