

## TTS 3 digital

Small-sized shaker

Compact, universal small shaker suitable for shaking tasks with all small vessels and microtiter plates



- Wide range of attachments
- Attachment detection
- Timer with countdown function
- Continuous or touch operation (with standard attachment)
- Two operating modes:
  - Modus A (safe mode with attachment detection)**  
The maximum speed of 3.000 min<sup>-1</sup> is only reached with the standard attachment in touch mode. When using other attachments the speed is limited to 1.300 min<sup>-1</sup>.
  - Modus B (without attachment detection)**  
A speed of 3.000 min<sup>-1</sup> is possible with all attachments.
- Stable in all speed ranges
- Sturdy zinc die cast casing



Shaking motion	orbital
Orbital diameter	4,5 mm
Max. permitted shaking weight (with attachment)	0,5 kg
Motor rating input / output	10 / 8 W
Permissible ON-time	100 %
Infinitely adjustable speed range	0 - 3.000 min <sup>-1</sup>
Speed display	scale
Dimensions (W x D x H)	148 x 205 x 63 mm
Weight	2,9 kg
Protection class acc. to DIN EN 60529	IP 21
Plug-in power supply unit	100 - 240 V 50/60 Hz

**TTS 3 digital  
incl. attachments**  
(MS 3.1, MS 3.3, MS 1.21, MS 3.4, MS 1.32)  
Id-Nr. 3627000



**MS 1.34 Test tube insert** Id-Nr. L001830  
Without bore holes, for adding any number of holes



**MS 1.33 Test tube insert** Id-Nr. L001860  
4 bore holes, Ø 15 mm



**MS 1.32 Test tube insert** Id-Nr. L001850  
6 bore holes, Ø 10 mm



**MS 1.31 Test tube insert** Id-Nr. L001840  
14 bore holes, Ø 8 mm



**MS 1.21 One-hand insert** Id-Nr. L001540  
Foam inlay



**MS 3.1 Standard attachment** Id-Nr. 3426300  
For mounting test tubes and other small vessels of up to 30 mm in diameter.

**MS 3.3 Universal attachment** Id-Nr. 3426600

**MS 3.4 Microtiter plate attachment** Id-Nr. 3426400