

TTS 3 digital / TTS 3 control

Small-sized shakers

Compact, universal small shakers 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:

Mode A (safe mode with attachment detection)

The maximum speed of 3.000 min⁻¹ is only reached with the standard attachment in touch mode. When using other attachments the speed is limited to 1.300 min⁻¹.

Mode B (without attachment detection)

A speed of 3.000 min⁻¹ is possible with all attachments.

- Stable in all speed ranges
- Sturdy zinc die cast casing

TTS 3 control* with additional features:

- LCD display
- Digital display presents set and actual speed
- RS 232 interface

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 ⁻¹
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)
395,00 EUR
Ident. No. 3627000



MS 1.34 Test tube insert Ident. No. L001830
Without bore holes, for adding any number of holes 16,40 EUR



MS 1.33 Test tube insert Ident. No. L001860
4 bore holes, Ø 15 mm 34,00 EUR



MS 1.32 Test tube insert Ident. No. L001850
6 bore holes, Ø 10 mm 34,00 EUR



MS 1.31 Test tube insert Ident. No. L001840
14 bore holes, Ø 8 mm 34,00 EUR



MS 1.21 One-hand insert Ident. No. L001540
Foam inlay 9,80 EUR



MS 3.1 Standard attachment Ident. No. 3426300
For mounting test tubes and other small vessels of up to 30 mm in diameter. 11,10 EUR

MS 3.3 Universal attachment Ident. No. 3426600
11,10 EUR

MS 3.4 Microtiter plate attachment Ident. No. 3426400
31,00 EUR

lab dancer vario

Test tube shaker

New test tube shaker with touch function, specially for mixing small sample volumes



- Can be used with all small vessels of up to 30 mm in diameter, e. g. test tubes, centrifuge tubes, Eppendorf vessels
- Excellent mixing action
- The upper casing and the test tube surface are made from inert plastic, coated zinc die cast base
- Speed can be set from 1.000 - 2.800 min⁻¹
- Includes light 12 V power pack set



lab dancer vario
157,00 EUR

Ident. No. 3417700

Shaking motion	orbital
Orbital diameter	4,5 mm
Max. permitted shaking weight (with attachment)	0,1 kg
Motor rating input / output	1,2 / 0,8 W
Permissible ON-time	100 %
Infinitely adjustable speed range	1.000 – 2.800 min ⁻¹
Material Casing	PP
Attachment	TPU
Bottom	zinc, coated
Dimensions (W x D x H)	95 x 110 x 70 mm
Weight	0,55 kg
Protection class acc. to DIN EN 60529	IP 40

OS 2 basic

Orbital shaker

- Cost effective orbital shaker that includes universal attachment, 2 clamping rolls and 4 fastening screws
- Very stable and sturdy housing – concrete casing
- With constant torque through micro-processor-driven control
- Wide adjustable speed range
- Drive protected against overload
- Intrinsically safe by permanent supervision of all electric components
- Incl. protection cover
- Awarded with the design prize “Roter Punkt”



Shaking motion	orbital
Orbital diameter	4 mm
Max. permitted shaking weight (with attachment)	2 kg
Motor rating input / output	45 / 10 W
Permissible ON-time	100 %
Infinitely adjustable speed range	0 - 1.100 min ⁻¹
Speed display	scale
Dimensions (W x D x H)	375 x 383 x 152 mm
Weight	11,6 kg
Protection class acc. to DIN EN 60529	IP 21

OS 2 basic incl. attachment

645,00 EUR

Ident. No. 3295000