

## PRODUCT DATA SHEET

Standing: 2024-04-29

LAUDA Varioshake VS 45 OI

Shaking incubator 100 V; 50/60 Hz

Part Number: L003211

### Features

- Shaking incubator with orbital movement for precise and reproducible research
- Temperature display and setting digitally via LED display, in steps of 0.1 °C
- User-friendly microprocessor technology
- Membrane keyboard with distinctive symbols.
- PID type temperature control
- Limit values for over and under temperature alarm (optical and acoustic) can be set
- Frame for holding two trays
- Capacity 2 shaking trays; for vessels higher than 150 mm 1 tray, only
- Timer, microprocessor-controlled, with remaining time display and acoustic signal at the end of the process
- Timer adjustable from 1 min. up to 999 hours
- Interior lighting
- Interior cabinet, inside of doors and shaking table made of stainless steel
- Cooling coil for applications below room temperature
- Switching off of the shaking movement and the heating when the doors are opened
- Additional electromechanical temperature limiter
- RS 232 serial interface for trouble-free data transfer
- Drive by an overload-protected AC motor
- Compact, low-wear mechanism with mass balancing for a secure stand
- Constant speed, independent of load
- Excellent for continuous use
- Outer housing made of electrolytically galvanized sheet steel, powder-coated



Working temperature min.  
28 °C



Working temperature max.  
70 °C

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Dr. Ralf Hermann, Dr. Marc Stricker  
Beirat: Dr. Gerhard Wobser

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## Technical Features

Working temperature range	28 ... 70 °C
Working temperature range with external cooling	20 ... 70 °C
Ambient temperature range	10 ... 30 °C
Shaking tray (WxD)	420 x 270 mm
Shaking amplitude	25 mm
Shaking frequency	20 ... 250 1/min
Useable volume	36 L
Interior dimensions (WxDxH)	420 x 270 x 320 mm
Overall dimensions (WxDxH)	710 x 650 x 710 mm
Weight	72 kg
Power plug	Power cord with plug (NEMA 5-15P)
Power supply	100 V; 50/60 Hz

Reserve technical changes

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