

Thermal Shakers are designed for applications that require consistent and precise high-speed shaking with temp. control to 100°C. With heating & shaking capabilities, our shakers use interchangeable blocks to accommodate tubes & microplates. Intuitive LCD touchscreen allows the user to save & track progress of 5 user-defined programs, each with 5 individual steps. Enhanced electronics provide dependable temp. settings across the operating range



**Manufacture:** Ohaus  
**SKU:** 30391996  
**Weight:** 11.00 lb  
Free Ground Shipping  
within the 48  
continental US States

**Please Call**  
**(800)832-0055**

## Features

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## Applications

DNA, RNA, Cell Cultures, Hybridizations, Protein Studies

## Display

4.3 inch (10.9 cm) color touchscreen Liquid Crystal Display (LCD) which can be programmed in six languages

## Operation

Detachable 3-wire cord and plug (included), unit requires a block (1.5 ml block included) - compatible with Eppendorf Thermomixer® R blocks

## Communication

USB port provides greater flexibility in data collection and transfer

Construction

Valox cool touch housing, removable plastic rack, cover and screwdriver for block removal (included)

Design Features

Hot top indicator, audible alarm, maximum temperature limiting function, temperature priority function, pulse/quick mix mode, temperature calibration mode, temperature ramp rate function

Motion	Orbital, 3 mm
Capacity	1 Thermal block
Temperature Range	17°C below Ambient – 100°C
Calibration	Temperature calibration
Communication	USB
Control	Touch
Dimensions (HxLxW)	5.2 in x 10.25 in x 9.75 in (13.2 cm x 26 cm x 24.8 cm)
Drive System	Brushless DC Motor
Heating Rate	5°C/min
Cooling Rate	Above ambient 2-3°C/min
Net Weight	10.8 lb (4.9 kg)
Orbit {metric}	0.1 in (3 mm)
Power	120V, 1.8A, 50/60Hz
Power Consumption	215 W
Safety Certification	TUV
Speed Accuracy	±2%
Speed Range	300 rpm – 3000 rpm
Temperature accuracy (±)	+/- 0.5°C between 20°C and 45°C;+/-2°C below 20°C and 45°C
Timer	1 second – 99 hours, 59 minutes
Working Environment	41°F – 95°F, 80%RH, non-condensing (5°C – 35°C, 80%RH, non-condensing)

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