

Advanced Microplate Vortex Mixers



- Designed for continuous duty
- Designed for shaking microplates or tubes
- LED displays for speed and time

The Talboys Advanced Microplate Vortex Mixer is ideal for applications that demand repeatable results. Mixer features touchpad controls and LED displays for accurate speed (rpm) and time (minutes and seconds) results. Microprocessor control maintains set speed for strong, consistent mixing action. Timer will display elapsed time or, when programmed to a user defined time limit, the unit will shut off when time reaches zero. Choose from two modes of operation: "Touch" mode which activates mixing when cup head is depressed, or "On" mode when using the microplate attachments for continuous operation.

Operating Features:

Microprocessor Control: The variable speed microprocessor control provides consistent uniform mixing action.

LED Display: Touch pad controls with easy-to-read, independent LED displays for speed and time allow operator to view both settings at once. Provides repeatable and accurate results every time and is easily visible across lab benches. Timer will display elapsed time or, when programmed to user defined limit, will shut off unit when time reaches zero. Display will show last used settings, even after power has been turned off.

Operating Conditions:

Unit can be run in conditions from 4 to 40°C (39 to 104°F), 20% to 85% relative humidity, non-condensing.

Ordering Information:

Mixer includes a cup head, single microplate holder, and a 92" (234cm) detachable, 3-wire cord and specified plug. Accessories that can be used on the Microplate Vortex Mixer are cup head, single microplate holder and double microplate holder. Additional accessories can be found on page 84. **5 year limited warranty on parts and labor.**

Optional NIST Traceable Calibration Certificate provided by Troemner's ISO/IEC 17025 accredited laboratory. Multiple data points within the speed range and time function are reported on the certificate with the associated uncertainties.

THIS PRODUCT INCLUDES:

Description	Part Number
Cup Head	9456TACUPHD



Description	Part Number
Microplate Holder (Single)	9456TAMPSGL



9456TAMPUSA

Specifications		
Speed Range	On Mode:	300 to 2500rpm
	Touch Mode:	300 to 3500rpm
Timer		1 second to 160 hours
Orbit		3.5mm (0.13")
Controls		Touch/Standby/On Rocker Switch, LED Displays For Speed/Time, Up/Down Buttons For Set-Point Control
Capacity		2 microplates
Duty Rating		Continuous duty
Dimensions (L x W x H)		10.5 x 5.4 x 4.5" (26.7 x 13.7 x 11.4cm)
Ship Weight		12lbs (5.4kg)

Description	Electrical (50/60 Hz)	Part Number
Advanced Microplate Vortex Mixer	120V 0.25 amps 30 watts	9456TAMPUSA
Advanced Microplate Vortex Mixer-Euro Plug	230V 0.13 amps 30 watts	9456TAMPEUA
Advanced Microplate Vortex Mixer-UK Plug	230V 0.13 amps 30 watts	9456TAMPUKA
Advanced Microplate Vortex Mixer-Swiss Plug	230V 0.13 amps 30 watts	9456TAMPCHA
Advanced Microplate Vortex Mixer with NIST Traceable Certificate	120V 0.25 amps 30 watts	9456TAMPUSA-C
Advanced Microplate Vortex Mixer-Euro Plug with NIST Traceable Certificate	230V 0.13 amps 30 watts	9456TAMPEUA-C