

Section 2 Overview

2.1 Specifications

Category Number

Description	NA Cat. No.	NA/EU Cat. No.
Microplate Shaker	88861023 US plug	88861024 /15504070 Intl plug

Rotation Speed

Range	150 to 1000rpm
Orbit Diameter	2.5mm
Speed Accuracy	±1% of set speed up to 299rpm ±2% 300 to 1000rpm
Display	LED
Display Accuracy	1 rpm

Note: Maximum speed may vary with heavy or unbalanced loads.

Load

Maximum Load	1 kg (Clamps included)
Maximum Capacity (Centered on tray)	96-well Microplate-4 standard 6 with optional accessory

Power Supply

Requirement	AC100-240V, 50Hz/60Hz, 72VA
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Time

Timing Range	0min to 99h59min
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Size

Overall Dimensions	415×293×137mm(16.3×11.5×5.4inch)
Tray Dimensions	275×235mm(10.8×9.3inch)
Packaging Dimensions	536×501×346mm(21.1×19.7×13.6inch)

Weight

Net Weight	11.5Kg(25.3lb)
Gross Weight	14Kg(30.8lb)

Others

Certificate	ROHS, WEEE, cCSAus, CE Mark
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2.2 Environmental Conditions

Application Environmental Conditions: indoor use

Altitude	≤2,000 m
Temperature	5°C to 40°C
Humidity	20% to 85%

Storage Environmental Conditions

Altitude	≤2,000 m
Temperature	0°C to 60°C
Humidity	20% to 90%, non-condensing

2.3 Safety Instructions

Please read the entire instruction manual before operating the Microplate Shaker.



WARNING DO NOT use the Microplate Shaker in a hazardous atmosphere or with hazardous materials for which the unit was not designed. Also, the user should be aware that the protection provided by the equipment may be impaired if accessories used are not provided or recommended by the manufacturer, or are used in a manner not specified by the manufacturer.

CAUTION ! To avoid electrical shock, completely cut off power to the unit by disconnecting the power cord from the unit or unplugging from the wall outlet. Disconnect unit from the power supply prior to maintenance and service. Any spills should be removed promptly. Bio hazard spills should be cleaned using approved liquid promptly. Solvent spills are a fire hazard. Stop the unit immediately, and **DO NOT** operate until clean up is complete and vapors have dissipated.

DO NOT immerse the unit for cleaning.

DO NOT operate the unit if it shows signs of electrical or mechanical damage.

Placement of Loads

Please place loads symmetrically during operation.

Symmetrical placement

