
Specifications

Electrical Characteristics:

Models 2309, 2314, 2345, 2346	120 VAC, 50/60 Hz, 0.4 Amps, 50 Watts
Models 2309-1CE, 2314-1CE, 2345-1CE, 2346-1CE 2309-1CECN, 2314-1CECN, 2345-1CECN 2346-1CECN	240 VAC, 50/60 Hz, 0.2 Amps, 50 Watts
Models 2309JPN, 2314JPN, 2345JPN, 2346JPN	100 VAC, 50/60 Hz, 0.5 Amps, 50 Watts

Speed Of Rotation: 40-220 RPM

Rotating Orbit: 3/4-inch (1.9 cm)

Maximum Operating Load: Up to 10 lb. (45 kg)

Timing Interval: From 1-60 mins in 1-min intervals or can be set for continuous shaking action.

Platform Dimension:

Models 2309, 2309JPN, 2309-1CE, 2309-1CECN	9" x 9" (23 cm x 23 cm)
Models 2314, 2314JPN, 2314-1CE, 2314-1CECN	12" x 12" (31 cm x 31 cm)
Models 2345, 2345JPN, 2345-1CE, 2345-1CECN	12.25" x 12.25" (31 x 31 cm)
Models 2346, 2346JPN, 2346-1CE, 2346-1CECN	12.25" x 12.25" (31 x 31 cm)

Shaker Platform Capacity:

Models 2345, 2345JPN, 2345-1CE, 2345-1CECN	13, 125 ml Flasks
Models 2346, 2346JPN, 2346-1CE, 2346-1CECN	9, 250 ml Flasks

Overall Model Dimensions:

Models 2309, 2309JPN, 2309-1CE, 2309-1CECN	10.6" W x 4.4" H x 12.4" D (27 cm x 11 cm x 31 cm)
Models 2314, 2314JPN, 2314-1CE, 2314-1CECN	12.5" W x 4.4" H x 13.6" D (32 cm x 11 cm x 35 cm)
Models 2345, 2345JPN, 2345-1CE, 2345-1CECN	12.25" W x 6.25" H x 13.4" D (31cm x 16cm x 34cm)
Models 2346, 2346JPN, 2346-1CE, 2346-1CECN	12.25" W x 6.25" H x 13.4" D (31cm x 16cm x 34cm)

Shipping Weight:

Models 2309, 2309JPN, 2309-1CE, 2309-1CECN	16 lbs. (7.3 kg)
Models 2314, 2314JPN, 2314-1CE, 2314-1CECN	17 lbs. (7.7 kg)
Models 2345, 2345JPN, 2345-1CE, 2346-1CECN	18 lbs. (8 kg)
Models 2346, 2346JPN, 2346-1CE, 2346-1CECN	18 lbs. (8 kg)

SPECIFICATIONS

Environmental Operating Conditions

Pollution Degree*	2
Installation Category*	II
Altitude	2000 meters MSL (Mean Sea Level)
Relative Humidity	20% to 80% maximum, non-condensing
Electrical Supply	120 VAC or 240 VAC
Voltage Tolerance	+10% of normal rated line
Temperature	0°C to 40°C
Product Usage	This product is intended for use indoors only

*IEC 664-1

Declaration of Conformity

(for CE models only)

We hereby declare under our sole responsibility that this product conforms with the technical requirements of the following standards:

EMC:	EN 61000-3-2	Limits for harmonic current emissions
	EN 61000-3-3	Limits for voltage fluctuations and flicker
	EN 61326-1	Electrical equipment for measurement, control, and laboratory use; Part I: General Requirements
Safety:	EN 61010-1	Safety requirements for electrical equipment for measurement, control, and laboratory use; Part I: General Requirements
	EN 61010-2-051	Part II: Particular requirements for laboratory equipment for mixing and stirring

per the provisions of the Electromagnetic Compatibility Directive 89/336/EEC, as amended by 92/31/EEC and 93/68/EEC, and per the provisions of the Low Voltage Directive 73/23/EEC, as amended by 93/68/EEC.

The authorized representative located within the European Community is:

Thermo Fisher Scientific
419 Sutton Road
Southend On Sea
Essex SS2 5PH
United Kingdom

Copies of the Declaration of Conformity are available upon request.