

Section 2 Specifications

Dimensions (L x W x H)

..... 33 x 27.5 x 40.5 inches (83.8 x 69.8 x 102.8 cm)
Optional Universal Platform (30110): ... 18 x 18 inches (45.7 x 45.7 cm)
Inner Chamber: ... 22 x 21 x 27 inches (55.9 x 53.3 x 68.6 cm)

Temperature Range and Accuracy

SHKE6000: 10°C above ambient to 80°C, $\pm 0.1^\circ\text{C}$ at 37°C in flask
SHKE6000-1CE: 10°C above ambient to 80°C, $\pm 0.1^\circ\text{C}$ at 37°C in flask
SHKE6000-7: ... 15°C below ambient to 80°C, $\pm 0.1^\circ\text{C}$ at 37°C in flask
(Minimum setpoint is 4°C on refrigerated model.)
SHKE6000-8CE: 15°C below ambient to 80°C, $\pm 0.1^\circ\text{C}$ at 37°C in flask
(Minimum setpoint is 4°C on refrigerated model.)
Over-Temp Protection: 5°C above setpoint

Temperature Uniformity

..... $\pm 0.5^\circ\text{C}$ at 37°C in flask:
Over-Temp Protection: 0-115°C

Speed Range

..... 15 to 500 ± 1 rpm (unstacked); 15 to 300 ± 1 rpm (stacked)

Orbit Diameter 0.75 inches (1.9 cm)

Shipping Weight

SHKE6000-7 and SHKE6000-8CE: 430 lbs. (195 kg)
SHKE6000 and SHKE6000-1CE: 330 lbs. (150 kg)

Electrical

SHKE6000:120V, 60Hz, 8.0 amps, 1100 watts
 SHKE6000-1CE:240V, 50/60Hz, 5.0 amps, 1200 watts
 SHKE6000-7:120V, 60Hz, 11 amps, 1300 watts
 SHKE6000-8CE:240V, 50Hz, 6.3 amps, 1500 watts

Max Load

Shelf:20 lbs. (9.1 kg) each
 Platform:35 lbs. (15.9 kg)

Environmental Operating Conditions

Pollution Degree** 2
 Installation Category** II
 Altitude 2000 meters MSL (Mean Sea Level)
 Relative Humidity20% to 80% maximum, non-condensing
 Electrical Supply 120 VAC or 240 VAC
 Voltage Tolerance +10% of normal rated line
 Temperature 15°C to 32°C
 Product Usage Indoor use only

***Refer to IEC 664-1*

Caution Operating this shaker in a CO2 enriched atmosphere is not recommended. The formation of carbonic acid could cause electrical failures. ▲

Fluorinated Greenhouse Gases

Compliant with REGULATION (EU) No 517/2014 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL on fluorinated greenhouse gases.

This product contains fluorinated greenhouse gases in a hermetically sealed system. If a leak in the sealed system is detected, the operator shall repair without undue delay.

The following model is designed for use with the following amounts of fluorinated greenhouse gases:

| Model | Refrigerant | Amount (kg) | GWP |
|--------------|-------------|-------------|------|
| SHKE6000-8CE | R-134a | 0.326 | 1430 |