

TECHNICAL DATA SHEET

ALab™ Laboratory Deck Rocking Rotator Mixer

Short Deck / Long Deck / Long Deck Double Layer • 0–30 rpm • brushless DC motor • continuous mode of operation



ALab™ Laboratory Deck Rocking Rotator Mixer

The ALab™ Laboratory Deck Rocking Rotator Mixer: SK-R30S-E, SK-R30L-E and SK-R30D-E. Image shown for reference.

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SECTION I

Product Overview

The ALab™ Laboratory Deck Rocking Rotator Mixer is available as the SK-R30S-E (Short Deck Rocking Rotator), the SK-R30L-E (Long Deck Rocking Rotator) and the SK-R30D-E (Long Deck Double Layer Rocking Rotator). It is suitable for molecular biology, virology, microbiology, pathology, immunology and other laboratories in scientific research units, medical schools, emergency control centres, and medical and health units.

All three models have a brushless DC motor, a continuous mode of operation, a speed range of 0–30 rpm and a load capacity of 1 kg. The tilt angle is $30 \pm 3^\circ$ for the SK-R30S-E and SK-R30L-E and $40 \pm 3^\circ$ for the SK-R30D-E. Published electrical specifications are: voltage, frequency, 100–240 V, 50/60 Hz; power, 15 W. The mixer is available with various silicone mattress accessories; four silicone mattresses for short and long decks are listed below.

SECTION II

Core Advantages

- **Brushless DC motor** — in all three models: SK-R30S-E, SK-R30L-E and SK-R30D-E
- **Short, long and double layer decks** — SK-R30S-E Short Deck; SK-R30L-E Long Deck; SK-R30D-E Long Deck Double Layer
- **1 kg load capacity** — all three models; 15 W, 100–240 V, 50/60 Hz
- **Continuous mode of operation** — continuous operation; speed range 0–30 rpm
- **Tilt angle** — $30 \pm 3^\circ$ (SK-R30S-E, SK-R30L-E); $40 \pm 3^\circ$ (SK-R30D-E)
- **Silicone mattress accessories** — available for short decks (SK-R30S-E) and long decks (SK-R30L-E, SK-R30D-E)

SECTION III

Specifications

Technical data — SK-R30S-E • SK-R30L-E • SK-R30D-E

Specifications			
Brand	ALab™ by ACS Material		
Product Name	ALab™ Laboratory Deck Rocking Rotator Mixer		
Series (Parent SKU)	ALSKR30G		
Model	SK-R30S-E	SK-R30L-E	SK-R30D-E
SKU #	ALSKRE00	ALSK0100	ALSK0200
Product Type	Short Deck Rocking Rotator	Long Deck Rocking Rotator	Long Deck Double Layer Rocking Rotator
Tilt angle	$30 \pm 3^\circ$	$30 \pm 3^\circ$	$40 \pm 3^\circ$
Load capacity	1 kg	1 kg	1 kg
Motor type	Brushless DC motor	Brushless DC motor	Brushless DC motor
Speed range	0–30 rpm	0–30 rpm	0–30 rpm
Operation mode	Continuous	Continuous	Continuous
Dimension (W × D × H)	295 × 160 × 120 mm	405 × 160 × 120 mm	405 × 160 × 160 mm
Voltage, Frequency	100–240 V, 50/60 Hz	100–240 V, 50/60 Hz	100–240 V, 50/60 Hz
Power	15 W	15 W	15 W
Weight	1.8 kg	2 kg	2.2 kg
Permissible ambient temperature and humidity	5–40 °C, 80% RH	5–40 °C, 80% RH	5–40 °C, 80% RH

Accessories — Silicone mattresses

Accessories		
Accessory	Cat. No.	Description
Silicone mattress	18202835	Silicone mattress for 16 × 5–10 mL blood collection tubes on long decks (SK-R30L-E & SK-R30D-E)
Silicone mattress	18202846	Silicone mattress for 6 × 50 mL test tubes on long decks (SK-R30L-E & SK-R30D-E)
Silicone mattress	18202852	Silicone mattress for 10 × 5–10 mL blood collection tubes on short decks (SK-R30S-E)
Silicone mattress	18202853	Silicone mattress for 4 × 50 mL test tubes on short decks (SK-R30S-E)

Scope of delivery

- **Standard configuration:** one main unit of the selected model (SK-R30S-E, SK-R30L-E or SK-R30D-E).
- **Additional accessories:** specify separately in the quotation. The accessory table lists the available silicone mattresses, not the standard packing list.

SECTION IV

Applications

The Laboratory Deck Rocking Rotator Mixer is suitable for molecular biology, virology, microbiology, pathology, immunology and other laboratories in scientific research units, medical schools, emergency control centres, and medical and health units.

Product value: a brushless DC motor, a continuous mode of operation and a 0–30 rpm speed range in three models — SK-R30S-E (Short Deck), SK-R30L-E (Long Deck) and SK-R30D-E (Long Deck Double Layer) — available with various silicone mattress accessories. Confirm the selected model and the silicone mattress that matches your deck and tube type before ordering.

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