TECHNICAL DATA SHEET

# ALab™ SK-R Series Rocking Shaker

*Rocking shakers · two models · 9° / 7° tilt angle · 1 min to 99 h 59 min timer*



**ALab™ SK-R Series Rocking Shaker**

The ALab™ SK-R Series rocking shakers; image shown for reference.

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SECTION I

## Product Overview

The ALab™ SK-R Series provides a rocking motion for time-dependent and low-rpm sensitive shaking, with double displays for time and speed, continuous or timer operation and an electronic time switching clock from 1 min to 99 h 59 min. It comprises the SK-R330-Pro large multifunctional transference rocking shaker and the SK-R1807-S intelligent transference decolorizing shaker.

The SK-R330-Pro rocks at a 9° tilt angle, runs at 10 to 70 rpm and carries up to 10 kg with platform, with a wide range of platforms; the SK-R1807-S rocks at 7°, runs at 10 to 80 rpm and carries up to 2 kg on a fixed work plate (basic configuration).

SECTION II

## Core Advantages

- **Motion** — rocking, 9° / 7° tilt
- **Display** — double LCD / LED, time and speed
- **SK-R330-Pro** — wide range of platforms
- **Load** — 10 kg / 2 kg with platform
- **Timer** — 1 min to 99 h 59 min
- **Design** — simple, saves space

SECTION III

## Specifications

### Technical data — SK-R Series

| Specifications | |
|---|---|
| **Brand** | ALab™ by ACS Material |
| **Series** | SK-R Series rocking shakers |
| **Models** | SK-R330-Pro, SK-R1807-S |
| **ACS Cat. No.** | Parent ALSKR; ALSKRO00, ALSKRS00 |
| **Motion** | Rocking (see-saw) |
| **Motor type** | DC motor (both models) |
| **Operation mode** | Continuous or timer |
| **Time settings range** | 1 min to 99 h 59 min |
| **Voltage, frequency** | 100 to 240 V, 50/60 Hz |
| **Ambient temperature and humidity** | 5 to 40°C, 80% RH |

### Model comparison — SK-R Series

| Parameter | SK-R330-Pro | SK-R1807-S |
|---|---|---|
| **Tilt angle** | 9° | 7° |
| **Max. load capacity (with platform)** | 10 kg | 2 kg |
| **Speed range** | 10 to 70 rpm | 10 to 80 rpm |
| **Speed / timer display** | LCD / LCD | LED / LED |
| **Plate size (series overview)** | 30 × 28.5 cm | 26.8 × 26.8 cm |
| **Work plate** | Wide range of platforms | Fixed work plate |
| **Motor input / output power** | 40 W / 24 W | 20 W / 16 W |
| **Power** | 50 W | 20 W |
| **Weight** | 9 kg | 3.1 kg |
| **Dimension [W × D × H]** | 360 × 410 × 200 mm | 294 × 348 × 123 mm |
| **Protection class** | IP21 | IP21 |

### Optional platforms and attachments (SK-R330-Pro)

| Accessory | Size / capacity | Fits |
|---|---|---|
| **SK330.1 universal attachment with 4 bars** | 32 × 32 cm; flasks: 25 mL × 21, 50 mL × 15, 100 mL × 12, 250 mL × 6, 500 mL × 4 | SK-R330-Pro |
| **Bar for SK330.1 universal attachment** | Spare bar | SK-R330-Pro |
| **SK330.2 fixing clip attachment** | 32 × 32 cm; takes the flask fixing clips | SK-R330-Pro |
| **Fixing clips for 25, 50, 100, 200/250 and 500 mL flasks** | Per SK330.2: 28, 16, 16, 9, 9 | SK-R330-Pro |
| **SK330.3 lengthways roller attachment** | For separation funnel extraction; 500 mL × 3, 250 mL × 4, 100/125 mL × 4, 50 mL × 5 | SK-R330-Pro |

| Accessory | Size / capacity | Fits |
|---|---|---|
| **SK330.5 dish platform with non-slip mat and fixed string (8 pcs)** | 30 × 28.5 cm | SK-R330-Pro |
| **Silicone mattresses for 16 × 5 to 15 mL or 6 × 50 mL tubes** | Used with SK330.5 | SK-R330-Pro |
| **SK330.8 sticky pad** | 28.4 × 29.6 cm; operating speed 0 to 220 rpm | SK-R330-Pro |
| **Connecting sticks for double-dish shakers** | | SK-R330-Pro |

SECTION IV

## Applications

Designed for time-dependent and low-rpm sensitive shaking applications such as ELISA washes, enzyme immunoassays, protein synthesis, hybridization, staining and destaining of gels, immune precipitation and Western blots, cell culture and pharmaceutical profiling.

Specifications are per the tables above.

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