TECHNICAL DATA SHEET

ALab™ OS10-Pro OLED Digital Overhead Stirrer

Overhead stirrer, OLED digital · speed range 200-2500rpm · Max. volume (H_2O) 10L · timer 1s-23h 59min 59s



ALab™ OS10-Pro OLED Digital Overhead Stirrer

The ALab™ OS10-Pro OLED Digital Overhead Stirrer; image shown for reference.

CONTENTS

01 Product Overview

02 Core Advantages

03 Specifications

04 Applications

ACS MATERIAL, LLC

959 E Walnut St., Suite 100

Pasadena, CA 91106, USA

Phone +1 (866) 227-0656

Fax +1 (781) 518-0284

contact@acsmaterial.com

Revision Date **11/20/2026**

SECTION I

Product Overview

The OS10-Pro OLED digital overhead stirrer has a strong stirring force and suits samples of different viscosity. The speed is set by knob from 200 to 2500rpm in 50rpm steps and shown on the OLED display, the timer runs from 1s to 23h 59min 59s, and the speed stays constant despite viscosity changes of the sample. It stirs up to 10L (H_2O) and handles viscosities up to 10000mPa·s. It is mainly used in chemical synthesis, drug synthesis, physical and chemical analysis, chemical research and development, food and beverage, food and drug testing, the beauty industry, handmade products, cosmetics, dyes, paint, glue adhesives, plastics, polymers and other fields of dissolution, dispersion, emulsification and homogenization.

SECTION II

Core Advantages

- **Speed range** — 200-2500rpm
- **Timer** — 1s-23h 59min 59s
- **Speed display resolution** — ±1rpm
- **Timer function** — 1s-23h 59min 59s
- **Max. volume (H_2O)** — 10L
- **Speed display** — OLED
- **Speed increase/decrease** — 50rpm
- **Max. stirring quantity (H_2O)** — 10L

SECTION III

Specifications

Technical data — OS10-Pro

Specifications	
Brand	ALab™ by ACS Material
Model	OS10-Pro
SKU #	ALOS1O00
Product Type	Overhead stirrer, OLED digital
Speed range	200-2500rpm
Speed display	OLED
Speed display resolution	±1rpm
Speed increase/decrease	50rpm
Timer function	1s-23h 59min 59s
Max. stirring quantity (H_2O)	10L
Viscosity max.	10000mPa·s
Motor type	DC brush motor
Max. torque	20N·cm
Overload protection	Automatic stop
Chuck clamp range diameter	0.5-10mm
Protection class	IP21
Voltage, frequency	100-240V, 50/60Hz
Input power	45W
Output power	35W
Power	50W
Published dimensions	373 × 238 × 623 mm
Permissible ambient temperature and humidity	5-40°C, 80% RH

Scope of delivery

- Main unit: ALab™ OS10-Pro OLED Digital Overhead Stirrer

SECTION IV

Applications

The OS10-Pro is an OLED digital overhead stirrer for dissolution, dispersion, emulsification and homogenization of up to 10L (H_2O) and viscosities up to 10000mPa·s, with 50rpm speed steps from 200 to 2500rpm and a timer.

Revision Date: 11/20/2026

DISCLAIMER

ALab™ is a trademark of ACS Material, LLC. ACS Material, LLC believes that the information in this Technical Data Sheet is accurate and represents the best and most current information available to us. ACS Material makes no representations or warranties, either express or implied, regarding the suitability of the equipment for any application or the accuracy of the information contained within this document. Specifications are typical and may vary by model; assess product details and application suitability for the intended use. Accordingly, ACS Material will not be responsible for damages resulting from use of or reliance upon this information.