TECHNICAL DATA SHEET

# ALab™ MC2100 Microplate Centrifuge

*Microplate centrifuge · rated speed 2500rpm, adjustable · rcf 500×g · capacity 2×96-well*




**ALab™ MC2100 Microplate Centrifuge**

The ALab™ MC2100 Microplate Centrifuge; image shown for reference.

CONTENTS

01 Product Overview
02 Core Advantages
03 Specifications
04 Applications

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SECTION I

## Product Overview

The MC2100 Microplate Centrifuge is specially designed for instant centrifugation of 96-well plates, which can quickly centrifuge the wall-hanging droplets to the bottom of the microplate. It has a small size and saves space (190×220×186mm, 2.1kg). There is no need to worry about liquid leakage during the centrifugation process, because the microplate is vertically loaded into the centrifuge rotor from the top slot of the centrifuge, and the liquid is kept at the bottom of the microplate under the action of surface tension.

SECTION II

## Core Advantages

- **Rated speed** — 2500rpm, adjustable
- **Capacity** — 2×96-well
- **Dimension (W×D×H)** — 190×220×186mm
- **Voltage** — AC120V/AC220V, 50/60Hz
- **RCF** — 500×g
- **Speed accuracy** — ≤10%
- **Weight** — 2.1kg
- **Power** — 110W

SECTION III

## Specifications

**Technical data — MC2100**

| Specifications | |
|---|---|
| **Brand** | ALab™ by ACS Material |
| **Model** | MC2100 |
| **SKU #** | ALMC2100 |
| **Product Type** | Microplate centrifuge |
| **Speed** | 2500rpm (rated); speed adjustable |
| **Speed accuracy** | ≤10% |
| **Capacity** | 2×96-well PCR plate |
| **RCF** | 500×g at 2500rpm |
| **Dimension (W×D×H)** | 190×220×186mm |
| **Weight** | 2.1kg |
| **Voltage** | AC120V/AC220V, 50/60Hz |
| **Power** | 110W |
| **Noise level** | ≤70dB |
| **Ambient temperature** | 5-40℃ |
| **Relative humidity** | ≤85% |
| **Atmospheric pressure** | 860hPa-1060hPa |

**Scope of delivery**

- Main unit: ALab™ MC2100 Microplate Centrifuge

SECTION IV

## Applications

The MC2100 is for quick centrifugation of 96-well plates before PCR/qPCR: it spins wall-hanging droplets to the bottom of the wells of PCR microplates with full skirt, half-skirt and no skirt, two 96-well PCR plates at a time.

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