

MBI Mini Plate Spinner

SKU: MBIQ26



OVERVIEW

The MBI Mini Plate Spinner is the first centrifuge designed specifically for quick and easy centrifugation of samples in PCR plates or microplates. Traditional microplate centrifuges are typically larger units that take up valuable space on the laboratory bench. The unique design of the Mini Plate Spinner results in a compact centrifuge with an extremely small footprint — just 6 × 6 inches.

Two standard microplates are loaded through a slot in the top of the unit. Sealed plates are loaded vertically — surface tension keeps samples in place so there is no danger of spilling. Upon closing the lid, the rotor quickly accelerates the microplates to 2,500 rpm. Pressing the open button engages the brake and brings the rotor to a stop.

KEY FEATURES

- First microplate spinner designed specifically for PCR plates
- Capacity: 2 × 96-well or 384-well PCR plates
- Maximum speed: 2,500 rpm ±10%
- Max. RCF: 500 × g
- Compact footprint: 6 × 6 inches
- Plates loaded vertically through top slot
- Surface tension prevents sample spillage
- Quick acceleration to set speed
- Brake engages on open button for fast stop
- Cold room compatible (5°C to 40°C)
- Universal voltage: 100–240 V, 50/60 Hz
- Quiet operation

Designed for Microplates

Centrifuges that accept microplates are typically large units. The Mini Plate Spinner's unique design delivers full microplate centrifugation capability in a footprint of just 6 × 6 inches — perfect for crowded benches or integration into automated workflows.

APPLICATIONS

- PCR plate centrifugation
- 96-well and 384-well plate processing
- Sample consolidation in wells
- High-throughput screening prep
- Microplate sample spin down
- Quick spin downs before PCR
- Temperature-sensitive applications in cold rooms
- ELISA plate preparation

TECHNICAL SPECIFICATIONS

Parameter	Specification
Capacity	2 × 96-well or 384-well PCR plates
Maximum Speed	2,500 rpm ±10%
Maximum RCF	500 × g
Power Supply	100–240 V~, 50/60 Hz
Dimensions (W × D × H)	7.5 × 8.6 × 7.3 in / 190 × 220 × 186 mm
Footprint	6 × 6 in
Weight	5.7 lbs / 2.6 kg
Temperature Range	5°C to 40°C
Humidity	Up to 80% RH at 31°C, decreasing linearly to 50% RH at 40°C
Control	Lid-activated start; open button engages brake
Cold Room Compatible	Yes

Ordering Information

Part Number	MBIQ26
Description	MBI Mini Plate Spinner
Includes	Unit, power cable, user manual
Voltage	Universal 100–240 V, 50/60 Hz

ACCESSORIES

- Adapter for 1/2 plates, strips and tubes (optional)

HOW IT WORKS

Two standard microplates are loaded through a slot in the top of the centrifuge unit. Sealed plates are loaded vertically — surface tension keeps samples in place so there is no danger of spilling. Upon closing the lid, the rotor quickly accelerates the microplates to 2,500 rpm. Pressing the open button engages the brake and brings the rotor to a stop. For temperature-sensitive applications, the Plate Spinner may be used in a cold room.