

MICROPLATE SHAKER



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Microplate Shaker is ideal for applications requiring precise speed control or pulse vortexing. Features true pulsing action for a more random motion and thorough mixing. It comes with interchangeable clamps for different micro plates which makes it universally fit. Used in Mixing, Incubation, Cultivation, Microbiology, Molecular biology, Biotechnology, Immunoassays, HTS applications, Colouration tests, Binding. Also known as Laboratory Microplate Shaker, Microplate Shaker.

LM11 SERIES MICROPLATE SHAKER

- LED display
- Simple and easy operation designed panel
- Display time and speed accurately
- Microprocessor controls speed and time, safe, stable, no noise
- Accomodate 4 standard PCR plates or microplates, mixing trace amount of sample efficiently
- DC brushless motor, long life and free of maintenance
- Provide both gentle and powerful shaking
- Timing function
- Alarm after program finished



SPECIFICATIONS

| Model | LM111 |
|-------------------|---|
| Speed Range | 200-1500 rpm-standard, 200-1000 rpm-deep-well plate |
| Capacity | 4 Standard Plates |
| Shaking Orbit | 3 mm (horizontal) |
| Timing Range | 1 min~99 h 59 min |
| Overall Dimension | 284x264x121 mm |
| Weight | 5.2 kg |
| Fuse | 250 V,1 A, Φ 5x20 |
| Power | 50 W |
| Power Supply | AC100-230 V, 50/60 Hz |

LM12 SERIES MICROPLATE SHAKER

- DC brushless motor, long life and free of maintenance
- Timing function
- Orbital of 3mm for efficient mixing in small sample vessels
- Simple spring holders for easy and quick plate installation



SPECIFICATIONS

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|--------------------------|--|
| Model | LM121 |
| Speed Range | 200~1500 rpm Standard & 200~1000 rpm Deep well |
| Speed Setting Resolution | 10 rpm increment |
| Shaking Orbit | 3 mm |
| Timing Range | 1 min~99 h 59 min |
| Overall Dimension | 290x270x120 mm |
| Weight | 6.5 kg |
| Power Supply | AC220 V/AC120 V, 2 A |

OPTIONAL ACCESSORIES

| Accessory Code | Name | Description |
|----------------|-----------|-------------------|
| SX5001 | Tube Rack | 50xΦ10 mm |
| SX5002 | Tube Rack | 50xΦ12 mm |
| SX5003 | Tube Rack | 50xΦ13 mm |
| SX5004 | Tube Rack | 50xΦ16 mm / 15 ml |

| Accessory Code | Name | Description |
|----------------|------------|-------------------|
| SX5005 | Tube Rack | 15xΦ25 mm |
| SX5006 | Tube Rack | 15xΦ29 mm / 50 ml |
| SX5007 | Pallet Pad | Tray pad set |

LM13 SERIES MICROPLATE SHAKER



LM131



LM132

FEATURES

- Orbital of 3mm for efficient mixing in small sample vessels
- Easy to operate with one touch knob
- Heated lid prevents condensation
- Accepts a variety of microplates
- DC brushless motor, long life and free of maintenance
- Timing function

LM131 LM132

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SPECIFICATIONS

| Model | LM131 | LM132 |
|-----------------------------|-----------------------------------|--------------------|
| Speed Range | 200-1600 rpm | 200-1500 rpm |
| Capacity | 2 microplates | 4 microplates |
| Temperature Range | Ambient 8°C~70°C | - |
| Display Accuracy | 0.1°C | - |
| Temperature Stability @37°C | ±0.3°C | - |
| Speed Increment | 1 rpm | 10 rpm |
| Time of Heating | <25 min (from 20°C to 70°C) | - |
| Timing Range | 1 min~99 h 59 min or continuous | 1 min ~ 99 h59 min |
| Motion | Orbital | - |
| Mixing Diameter | 1.5 mm | - |
| Overall Dimension | 280x270x140 mm | 280×270×110 mm |
| Power Supply | 110 V/220 V, 60/50 Hz, max.150 VA | 220 V/120 V, 2A |
| Shaking Orbit | - | 3 mm |
| Weight | - | 6.5 kg |

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