

Microwave Digestion System Model : GBB-MW6



GBB-MW6 MINI is a mini and economic model of GBB-MW6 Series. The compact body owns same powerful performance, up to 6 position rotor meets most of experiment requirements, which would be a good choice for school labs, general factory labs and research institutes, etc.

Features •

- Compatible with 6 position rotor which meets different digestion demands.
- Vertical waveguide design, 3D output technology and harmonic power frequency highly ensure uniform microwave distribution.
- The imported contactless IR sensor and pressure sensors are adopted in temperature and pressure controlling system, which realizes the real-time monitoring of temperature and pressure in each vessel and display the T&P scanning curve.
- No consumables, e.g. bursting disk, sealing cup, etc. lower the maintenance cost.
- The strong outer shell is made of intensive carbon fiber and polymeric materials which highly ensure the safety.
- Equip with smart 7 inch touch screen, intelligent software and user-friendly interface,
- Multiple international application methods are pre-installed. Users can also edit, modify and delete the specific methods
- Equip with 316L stainless explosion-proof cavity, coated with multilayer anticorrosive and heat resisting coatings, which greatly prolongs its service life and ensure the safety of operation.
- High power turbulent air cooling design makes fast cooling.
- Professional electromagnetic protection design, compatible with high-level microwave leakage protection standards.



Technical Specification

Vessel Quantity	6
Temperature Monitoring System	Contactless IR sensor All vessels scanning monitoring
Pressure Monitoring System	Contactless pressure sensors All vessels scanning monitoring
Working Pressure Range	0-6MPa
Working Temperature Range	50-400°C Accuracy: ±0.1 °C
Max Working Temperature	250 °C
Vessel Volume	100mL
Display	Smart 7 inch color touch screen
Rotation Mode	360° continuous rotation
Microwave Power	0 ~ 1000 W (Adjustable)
Microwave Frequency	2450MHz
Cavity Volume	35L
Microwave Leakage	<5mw/cm ²
Power	AC 220V±10%, 10A, 50/60Hz
Dimension (L x W x H)	490mm*560mm*533mm
Weight	40KG

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Laboratory Science



*Design & specification are subject to change without any prior notice.
*OEM option available

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