



## MICROWAVE DIGESTER BMWD-107

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## MICROWAVE DIGESTION SYSTEM



- Compatible with 6/8/10/12-position sample rotor.
- Imported contactless IR sensor and pressure sensor, real-time display the temperature and pressure of sample solution (NOT Vessel Wall) in each vessel and show T&P scanning curve.
- No consumables, e.g. bursting disk, sealing cup, etc. lower maintenance cost.
- Equipped with a smart 7 inches touch screen, user-friendly UI.
- Pre-installed multiple international application methods. Users can also edit, modify and delete the methods.
- Equip with 316L stainless explosion-proof cavity, coated with multi-layer anti-corrosive and heat resisting coatings, which greatly prolongs its service life and ensures the safety of operation.
- High power turbulent air cooling design makes fast cooling.

## SPECIFICATIONS

Model	BMWD-107
Vessel Quantity	12
Temperature Monitoring	Contactless IR Sensor Temperature Monitoring Each Vessel Temperature Controlled Temperature Controlling Range: 50-400°C Max. Working Temperature: 250°C Temperature Accuracy: $\pm 0.1^{\circ}\text{C}$
Pressure Monitoring	Contactless Sensor Pressure monitoring Each Vessel Pressure Controlled Pressure Controlling Range: 0-15MPa Max. Working Pressure: 6MPa Pressure Accuracy: $\pm 0.01\text{MPa}$
Vessel Volume	100mL
Sample Vessel Material	Imported TFM
Protection Vessel Material	PEEK+Glass Fiber
Display	7 inches Color Touch Screen
Rotation	One Direction 360° continuous rotating
Microwave Cavity	316L stainless steel cavity with corrosion-proof coating
Microwave Power	0-1000W (Adjustable)
Microwave Leakage	$< 5\text{mW}/\text{cm}^2$
Air Exhaust	High power corrosion-proof air blower
Power	AC 220V $\pm 10\%$ , 10A, 50/60Hz
Alt Name	Microwave Digestion System

## FEATURES

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- Equip with 316L stainless explosion-proof cavity, coated with multi-layer anti-corrosive and heat resisting coatings, which greatly prolongs its service life and ensures 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.



**Biolab Scientific Ltd.**

Trillium Executive Center, East Tower, 675 Cochrane Dr, Markham, Ontario L3R 0B8, Canada  
Email: [info@biolabscientific.com](mailto:info@biolabscientific.com) | Website: [www.biolabscientific.com](http://www.biolabscientific.com)