



## MICROWAVE DIGESTER BMWD-109

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When a sudden over-pressure scenario arises, an automatic vent and self-resealing structure rapidly release pressure and reseal. Mechanism for monitoring pressure and temperature without contact. It can edit and save 255 different sorts of programmes depending on what the user needs.

Used in Pharmaceutical Analysis, Agricultural, Environmental Analysis, Biological Sciences.

Also known as Microwave Digester, Microwave Extraction.

## BMWD-109 MICROWAVE DIGESTER



Automatic vent and self-resealing structure release pressure and instantly reseal when a sudden over-pressure situation occurs.

Contact-less Temperature and Pressure Monitoring System.

With Vessel Quantity of 18, it can edit and store 255 types of programs according to user's requirements.

## SPECIFICATIONS

Model	BMWD-109
Vessel Quantity	18
Vessel Volume	100mL
Vessel material	Inner.Imported TFM Outer.Imported PEEK+Glass Fiber
Temperature Monitoring System	Contactless IR sensor
Temperature Control	Scanning control of each vessel
Temperature Control Range	50-400 °C
Maximum Working Temperature	250 °C
Temperature Control Accuracy	±0.3 °C
Inner Vessel Temperature Limit	300 °C
Pressure Testing	Contactless pressure sensor
Pressure Control range	0-10MPa
Pressure Control Accuracy	0.01MPa
Maximum Working Pressure	6 MPa
Microwave Frequency	2450Hz
Rotation Mode	360° Continuous Rotation
Microwave Leak	<5mw/cm <sup>2</sup>
Microwave Power	0-2000W Adjustable/ 0-3000W Adjustable

## OPTIONAL ACCESSORIES

Accessory Code	Name	Sample quantity	Aperture and Hole depth	Temperature Control Range
7600614006	Heating Blocks	20	Φ 41x150mm	Room Temperature -250°C



**Biolab Scientific Ltd.**

3660 Midland Avenue, Suite 300, Toronto, Ontario M1V 0B8, Canada  
Email: [contact@biolabscientific.com](mailto:contact@biolabscientific.com) | Website: [www.biolabscientific.com](http://www.biolabscientific.com)