

MICROWAVE DIGESTER MWD18-12



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For even microwave distribution, use a vertical configuration. Teflon coating on 316L industrial stainless steel cavities prevents acid corrosion and boosts cooling effectiveness. Users can also create, store, change, and delete the pre-installed common standard methods.

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

Also known as Microwave Digester, Microwave Extraction.

MWD18-12 MICROWAVE DIGESTER

Vessel quantity of 12.

Vertical design for even distribution of microwave.

316L industrial stainless steel cavity with multilayer teflon coating avoids acid corrosion, also improves cooling efficiency.

Pre-installed general standard methods, users can also create, save, modify and delete the method.



SPECIFICATIONS

Model	MWD18-12
Vessel Quantity	12
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/cm2
Microwave Power	0-2000W Adjustable/ 0-3000W Adjustable

OPTIONAL ACCESSORIES

Accessory Code	Name	Sample quantity	Aperture and Hole depth	Temperature Control Range
7500512005	Heating Blocks	20	Φ 41x150mm	Room Temperature -250°C

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