

# MICROWAVE DIGESTER MWD16-10



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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.

## MWD16-10 MICROWAVE DIGESTER

Vessel quantity of 10.

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	MWD16-10
Vessel Quantity	10
Temperature Monitoring System	Temperature Monitoring: Contactless IR Sensor Scan monitoring for each vessel Temperature Controlling Range: 50-400 °C Temperature Accuracy: ±0.1 °C Display Accuracy: ±0.1 °C
Pressure Monitoring System	Pressure monitoring: Contactless Sensor Scan monitoring for each vessel Pressure Controlling Range: 0-15MPa Pressure Accuracy: ±0.01MPa Display Accuracy: ±0.01Mpa
Vessel Volume	100mL
Sample Vessel Material	Imported TFM
Protection Vessel Material	PEEK+Glass Fiber
Display	7 inch color touch screen
Rotation	360° continuous rotation
Microwave Power	0 ~ 1000 W (Adjustable)
Microwave Tank	316L Stainless Steel tank With Corrosion Proof Coating
Microwave Leakage	<5mw/cm <sup>2</sup>
Air Exhaust	High Power Corrosion-Proof Air Blower
Power	AC 220V ± 10%, 10A, 50/60Hz
Dimension ( LxWxH)	490x560x630 mm
Weight	47 kg

## OPTIONAL ACCESSORIES

Accessory Code	Name	Sample quantity	Aperture and Hole depth	Temperature Control Range
7500510005	Heating Blocks	12	Φ 39x65mm	Room Temperature -250°C



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