

# MICROWAVE DIGESTER MWD21-12



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More than ten safety protection systems, such as a temperature control system, pressure control system, explosion-proof security doors, and thickened cavities with multi-layer TEFLON coating, are in place to assure experiment safety. High-powered exhaust system; anytime suspend/start of programme.

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

Also known as Microwave Digester, Microwave Extraction.

## MWD21-12 MICROWAVE DIGESTER

Video monitoring function.

More than ten safety protection measures to ensure experiment safety, including temperature control system, pressure control system, explosion-proof security doors, thicken cavity with multi-layer TEFLON coating.

High-power exhaust system, program with suspend or start at any time.



## SPECIFICATIONS

Model	MWD21-12
Vessel Quantity	12
Vessel Volume	100mL
Vessel Pressure Capacity	80Mpa
Cavity	48L Resonant Cavity
Microwave Cavity Material	SS316 with 10 layers Teflon
Teflon Coating	10 layers
Digestion Method	50 preinstalled methods, programmable 100 methods.
Maximum Working Temperature	305 °C
Temperature Control Accuracy	±0.1 °C
Pressure Accuracy	±0.01MPa
Temperature Sensor	Optical Fiber Sensor
Cooling Method	Forced air cooling
Interface	USB,RS232
Maximum Output Power	1600W
Power Supply	AC220V ± 10%, 50Hz
External Size(WxDxH)	600x685x660 mm
Weight	105 kg
Accessory	2.5 kg (820x300x130 mm) ; 5.5 kg (540x480x170 mm) ; 12.5 kg; 2.5 kg (480x550x300 mm)

***LABSTAC***

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