



Microwave Digestion System FM-MWD-A100

Overview

Microwave Digestion System FM-MWD-A100 break down complex samples into simple ones for precise analysis. It can accommodate 12 vessels and has a vessel volume of 100 ml. Real-time monitoring effectively tracks the condition of digestion process. System's effectiveness, security, and user friendliness have won users all over the world.

Specifications :

No. of Vessels	12
Vessel Volume	100 ml
Temperature Monitor	Contactless IR Sensor
Temperature Control Range	50 to 400
Temperature Accuracy	- 0.1
Display Accuracy (Temperature)	- 0.1
Pressure Monitor	Contactless Sensor
Pressure Control Range	0 to 15 MPa
Pressure Accuracy	- 0.01 MPa
Display Accuracy (Pressure)	- 0.01 MPa
Sample Vessel Material	Imported TFM
Protection Vessel Material	Peek + Glass Fiber
Display	7-inch Touch Screen
Rotation	360° Continuous Rotating
Microwave Tank	316L Stainless Steel tank with Corrosion-Proof Coating
Microwave Power (Adjustable)	0 to 1000 W (Adjustable)
Microwave Leakage	< 5 mw/cm ²
Air Exhaust	High power corrosion-proof air blower
Power Supply	AC 220 V - 10%, 10A, 50/60 Hz
Dimension (L xW xH)	490 x560 x630 mm
Weight	47 Kg

Features :

- Uniform sample digestion due to vertical design
- Real-time monitoring of temperature and pressure
- Contactless sensors reduce maintenance costs
- Imported vessel material enhances safety
- User-friendly color touch screen interface
- Carbon Fiber Reinforced Polymer improves durability
- 316L Stainless steel with Teflon coating provides resistance against acid corrosion

Applications :

Microwave Digestion System is used for preparing various samples in departments like quality control, environmental monitoring, and scientific research across various industries.

Accessories :

Sample rotor Auxiliary platform Digestion vessel Vessel holder Pressure calibration ring