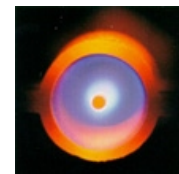


MW 800 Microwave Digestion System



The MW 800 top-loading, closed vessel microwave digestion system offers a high-pressure system to enhance digestion quality while decreasing digestion time. This system is capable of simultaneously running up to 10 high-pressure closed vessels, providing a fast and automated method to digest even the most difficult samples. With simple one-step operation and full computer control of temperature, pressure and power, this cost-effective MW 800 consolidates your AA, ICP-AES, and ICP-MS applications.

Features:

- Round, pressure resistant heavy duty oven chamber made of PFA-coated stainless steel
- Evenly distributed microwave field throughout the chamber to ensure uniform heat for each sample vessel
- Direct sensing and controlling of sample temperature and pressure of closed vessels to ensure reproducible digestion every time
- On-line EPA protocols and methods directory, full compliance with EPA methods
- Flexibility to program individual methods for specific customizable sample preparation
- Automated recording of conditions during each digestion
- Computer-based software for real-time control of temperature and pressure

For more information please contact:

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Closed Vessel Digestion:

The MW 800 can hold 10 high-pressure vessels capable of digesting at 800 psi and 250°C. A sealed thermocouple and pressure sensor enable fast and accurate temperature and pressure control. The MW 800 microwave system is available at lower cost than comparable microwave systems but with equivalent safety and performance ability.

Safety:

- Fume exhaust module
- Rupture disks and vent detection mechanisms on each vessel automatically shut down power in response to over-pressure
- Teflon lining of oven cavity
- Digestion vessels molded with engineering plastics
- Continuous temperature and pressure monitoring and control
- Release of acid fumes into collection reservoir in vessel carousel

Computer Control:

MW 800 is a full computer controlled system. Its software features real-time control of temperature and pressure with graphic display, automatic data storage, unlimited method storage, and complete record of instrument parameters.

Specifications:

Vessel Module

Number of Vessels	10 (9 standard+1 sensor vessel)
Operating Pressure	800 psi
Operating Temperature	250°C
Temperature Sensor	1
Pressure Sensor	1

Electrical	220V, 50/60Hz, 12A
Microwave Power	1200W
Magnetron Frequency	2450 Mhz
Dimensions	48 (W) X 55 (D) X 48 (H) cm
Weight	50kg

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