

Microwave Digestion System

1- Largest microwave cavity: about 70 liters- Stainless steel housing with multi-layer PTFE coating

2–Inlet/Outlet ports

Large flange not less than 36mm ID plus additional ports on the side walls

3–The Chassis is Protected against acids and solvents with polymer coating

4–Door

- Completely made of stainless steel door
- Multiple independent safety interlocks to prevent microwave emission
- Self-resealing pressure responsive door

5–The Exhaust System Built-in, located on the back side of the cavity and separated from electronics to prevent corrosion.

6- Control terminal, touch screen, TFT display -High resolution, colored backlit logo indicates the process status

7–Microwave Emission

Dual magnetron system with rotating diffuser for homogeneous microwave distribution in the cavity.

- Two 950 Wa: rated magnetrons, for a total of 1900 Wa
- Exclusive magnetron protection from reflected microwave power.
- Continuous and PID-controlled microwave emission at all power levels

8– 15 or more starter kit segments high pressure rotor complete for control, direct contact-less temp control in all vessels

9-Operating Software

Icon-driven multilanguage (English) software with multilevel access allowing the user/administrator the edit, save and run a virtually unlimited number of methods

10–Operator Manual in English

11–Traning of the employer 6 times .