

Product Introduction ■

○ Intelligent Acid evaporator —The ideal Partner of Microwave digestion

V series Intelligent Acid digester is the best partner for microwave digestion. Microwave tubes can be put into the digester directly for acid evaporation. The isostatic pressure graphite heater ensure the uniform temperature in the holes and consistency of digestion. Multiple corrosion resistant design can protect the graphite and electronic elements from acid corrosion.



Functions & Features :



Multiple protection—Anti-corrosion & Durable

- Stainless steel surface with Teflon coating, double anti-corrosion;
- Thickened Teflon coating on the surface of the graphite body, effectively prevent acid corrosion;
- Capacitive touch buttons to isolate acid gas and avoid corrosion;
- Double-layer structure design, independently sealed electrical system, heat insulation and corrosion protection;











Wireless control—Safe & Easy to operate

- Built-in wifi communication module , device can be controlled and operated by mobile phone ;
- Temperature curve can be observe on cellphone displays during digestion process ;
- Digestion temperature and acid evaporation time can be edit and set via mobile APP ;
- Build-in expert procedures which can be invoked at any time, easy to use.



Homogeneous Heating—synchronous evaporate acid

- Support multi-level gradient heating, avoid sample bumping;
- Static pressure graphite body, uniformly heating, ensuring the temperature difference between holes less than $\pm 1.5^{\circ}\text{C}@200^{\circ}\text{C}$;

Series	Profile	Model	Digestion Block Dimension	Digestion Capacity	Temperature	Temperature stability (°C)	Temperature setting	Stage of Graphite	Case material	Power(W)	External Dimension (W×D×H) mm
V Series		V2428	Diameter Φ28mm depth 155mm	24	Ambient-240°C	±1.5°C (@200-250)	20	Thickened PTFE coating	Teflon coating on stainless steel surface	1500	290 × 290 × 310
		V1243	Diameter Φ42.5mm depth 110mm	12	Ambient-240°C	±1.5°C (@200-250)	20	Thickened PTFE coating	Teflon coating on stainless steel surface	1500	290 × 290 × 310
		V1248	Diameter Φ47.5mm depth 115mm	12	Ambient-240°C	±1.5°C (@200-250)	20	Thickened PTFE coating	Teflon coating on stainless steel surface	1500	290 × 290 × 310
		V2438	Diameter Φ37.5mm depth 135mm	24	Ambient-240°C	±1.5°C (@200-250)	20	Thickened PTFE coating	Teflon coating on stainless steel surface	1800	350 × 310 × 310
		V4028	Diameter Φ28mm depth 155mm	40	Ambient-240°C	±1.5°C (@200-250)	20	Thickened PTFE coating	Teflon coating on stainless steel surface	1800	350 × 310 × 310
		V244D	Diameter Φ34mm depth 200mm	24	Ambient-240°C	±1.5°C (@200-250)	20	Thickened PTFE coating	Teflon coating on stainless steel surface	2000	350 × 310 × 355
		V1638	Diameter Φ37.5mm depth 135mm	16	Ambient-240°C	±1.5°C (@200-250)	20	Thickened PTFE coating	Teflon coating on stainless steel surface	1500	250 × 310 × 300
		V6428	Diameter Φ28mm depth 155mm	64	Ambient-240°C	±1.5°C (@200-250)	20	Thickened PTFE coating	Teflon coating on stainless steel surface	3000	360 × 420 × 350