

XT-9910 Microwave Digestion System

Expert-Grade Microwave Digestion and Extraction System

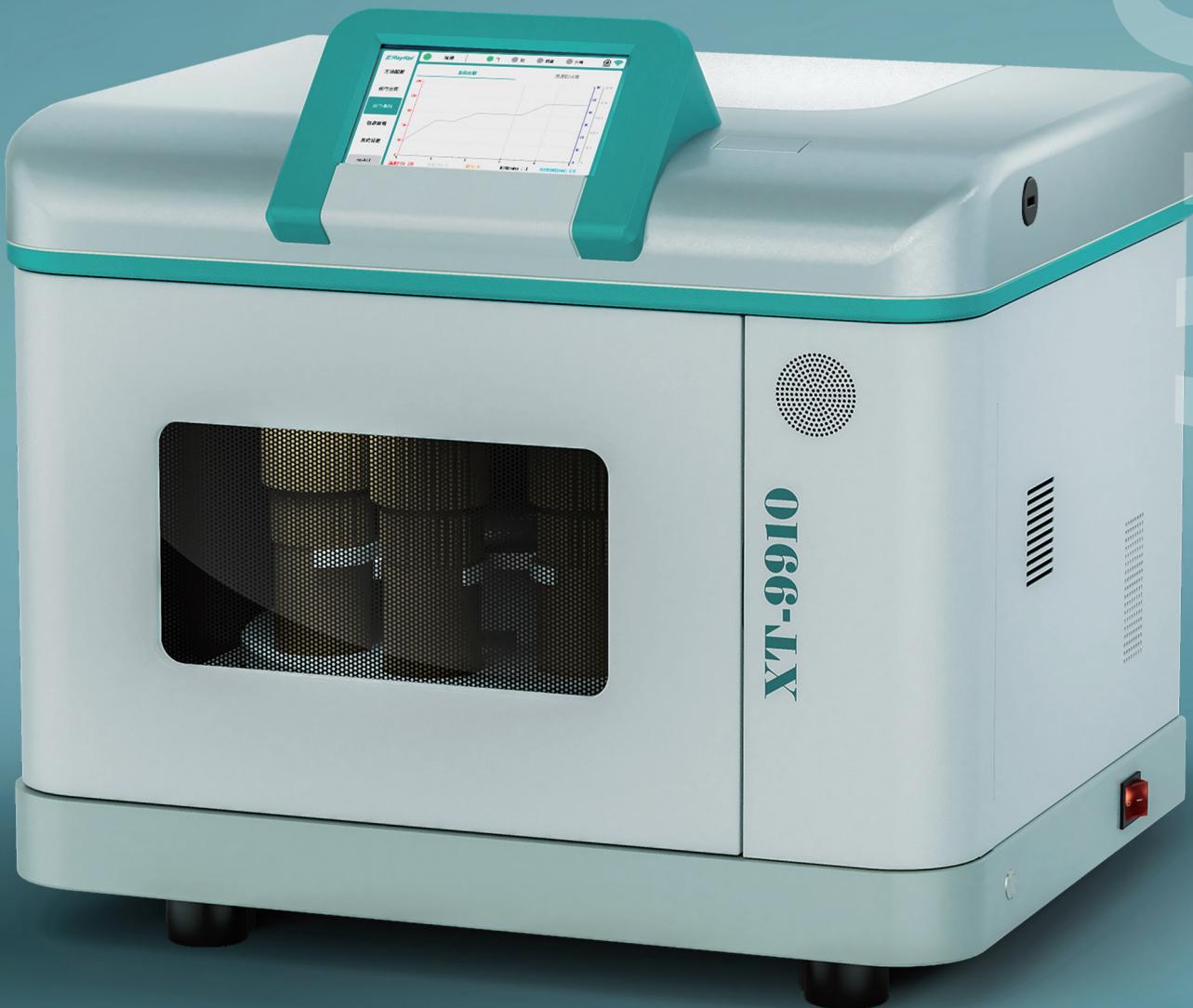


Leading Manufacturer in Automated and Smart Sample Preparation

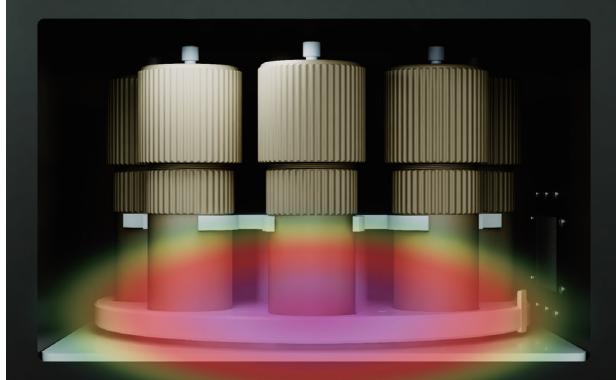
Drafting Organization of Standard GB/T 26814-2011 Microwave Digestion Equipment

XT-9910 Microwave Digestion System

RayKol-XTrust has over 20 years of extensive experience in the field of sample preparation. XT-9910 Microwave Digestion Systems feature up to 10 active and passive safety protection functions. Equipped with a specialized mid-infrared non-contact temperature sensor that can penetrate TFM, to enable real-time scanning and display of the actual temperature of each sample solution. The full-vessel pressure control mechanism, allow pressure releasing on each digestion vessel, to ensure digestion in cost-effective and efficient manner.



Low Consumption, High Performance



Microwave Focusing

Precise heating: to ensure more precise and uniform heating, avoid the risk of uneven heating.

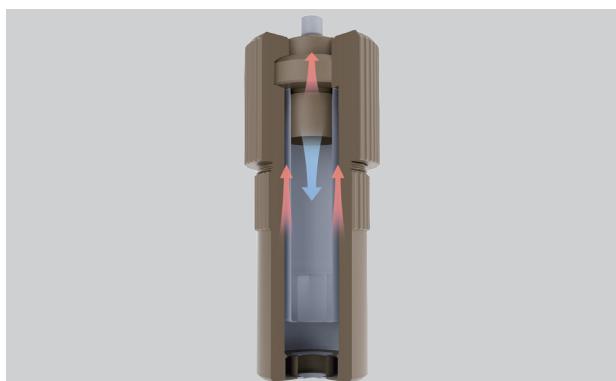
High efficiency: increase heating efficiency to reduce energy consumption

Environmental-friendly: to avoid microwave radiation to human and environments, with better safety.



High-precision Real-time Temperature Feedback Technology

Mid-infrared wavelengths that can penetrate the vessel material, achieving non-contact, real-time scanning and monitoring of the actual temperature inside all vessels.



Full-vessels Pressure Control Mechanism

With safe pressure-limiting mechanism, digestion vessels will fully closed under normal operation to preserve analytes; if over pressure, it can complete pressure-releasing, to ensure safe operation.

Product Configuration

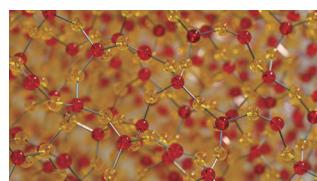


Power Supply	220-240VAC 50/60Hz
Microwave Supply	2450MHz, Variable-Frequency Magnetron High-Energy Microwave Field Emission
Microwave Cavity	316L Stainless Steel Resonant Cavity, Multi-Layer Teflon Coated
Safety Explosion-Proof Door Design	High-Strength Safety Explosion-Proof Door, Side-Opening with Floating Buffer Design
Temperature Measurement & Control System	Mid-Infrared Non-Contact Temperature Sensing
Control System	Full Touchscreen Operation, Extra-Large Screen Real-Time Display of Parameters & Status
Total Output Power	1500W
Ambient Temperature/Humidity	0~40°C / 15~80%RH
Digestion Rotor	Independent High-Pressure Digestion Vessel
Batch Capacity	8 Positions
Inner Vessel Material	TFM
Outer Vessel Material	PEEK

Applications

Environmental Samples | Food & Feed Analysis | Materials Testing

Petrochemical | Plastics & Polymers | Cosmetics | Metals & Alloys | Geological Samples





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