WX-6000

MICROWAVE DIGESTION SYSTEM

DESIGNATED SUPPLIER FOR AQSIQ

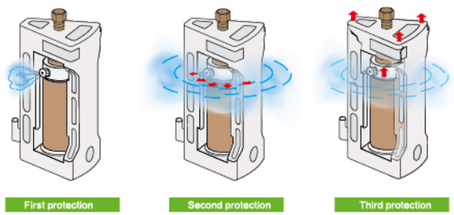
General Administration of Quality Supervision, Inspection, and Quarantine

WX-6000 is widely considered a standard digestion platform for low sample throughput labs with high digestion performance and superb cost-effectiveness.

This versatile digestion platform provides users straightforward and intuitive operation and can be applicable to a variety of application fields such as food, pharmaceutical, environmental, and so on.

Turnplate & Vessel Design	KJ-180
Number	6
Material of Inner Vessel	TFM
Material of Sleeve	PEEK
Volume of Inner Vessel	100mL
Max. Working Pressure	40bar
Max. Tolerance Pressure	100bar
Max. Working Temperature	240˚C
Max. Tolerance Temperature	310˚C

Safety Mechanism



Notes:

1st protection: pressure release via safety diaphragm
2nd protection: horizontal skirt-side pressure release
3rd protection: vertical pressure release

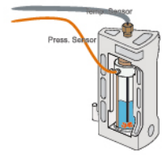
INNOVATION

- Redesigned tilted control panel and color LCD display screen, creating a fun and user-friendly operating interface
- Dual locking mechanism provides an extra layer of security to lab technicians
- Large-volume digestion vessel guarantees digestion performance by high temperature and pressure capabilities

FEATURES

MICROWAVE SOURCE

- 1000W microwave magnetron
- Advanced frequency transducer to supply continued non-pulse microwave
- PID control system to allow automatic power adjustment based
- on in-vessel temperature and pressure fluctuation



DUAL TEMPERATURE AND PRESSURE MONITORING

- Platinum thermal temperature sensor and high precision vapor pressure sensor
- Detect and display temperature and pressure in real-time with high accuracy
- Convenient plug-n-play operation

INTELLIGENT SOFTWARE

- Colour LCD display with touch-screen function
- Display of method and process details such as temperature, pressure, time, power, and run progress
- Intuitive operation interface

DIGESTION VESSELS

- Standard 6-channel KJ-180 high pressure resistant vessels
- Max volume 100 mL to enable digestion of large sample sizes
- Triple pressure release mechanism for safe digestion
- Energy locked-in by high degree sealing to prevent loss of volatile analytes