

Specifications

Power supply	220V-240V/50Hz, 8A
Operating power	1000W
Microwave frequency	2450MHz
Microwave emission	Continued non-pulse
Microwave control mode	High frequency, closed loop PID
Chamber volume	32L
Temp. range	0-300°C
Temp. sensitivity	±1°C (Pt ER sensor)
Pressure range	0-100 Bar
Pressure sensitivity	± 0.1 Bar
Rotor	KJ-180 Digestion Vessel
Cooling and vent system	Max.vent capacity 3.5m ³ /min
Dimension	580mm(H) × 564 mm(W) × 512mm(D)
Weight	33Kg

Subject to change without notice. PreeKem reserves rights of final explanation. Version: 2st edition, 2018.12

PreeKem Scientific Instruments Co., Ltd.

 No.100-101 Building, No.2338 Duhui Road, Shanghai, China

 P.C.: 201108

 Tel: +86-21-54427296 54426316 54426318

 Fax: +86-21-54427063

 E_mail: info@preekem.com

 Web: www.preekem.com



Microwave Chemistry • Sample Preparation



WX-6000 Microwave Digestion System

Simpler process » Easier work

WX-6000



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.

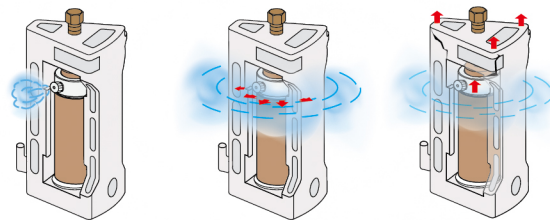
Innovation

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

Safety mechanism



1st protection

2nd protection

3rd protection

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

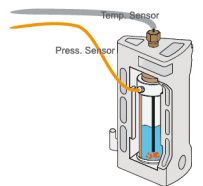


Microwave source

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

5.6" 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

Turnplate Design (KJ-180 Vessel)

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 Temp.	240°C
Max. Tolerance Temp.	310°C

ISO9001:2008

TÜVRheinland CE