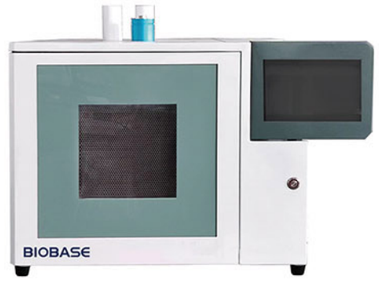
Microwave Synthesis Extractor

Features:

* The power is automatically adjustable in 10 gears, and the microwave power automatically changes with temperature.
* 42L Stainless steel chamber with multiple layers of anti-corrosion coating.
* High precision temperature sensor, real-time monitoring of reaction temperature, accurate control of reaction process.
* 8-inch touch screen, real-time display of closed reaction tank temperature and temperature curve.
* Saving and querying experimental records.
* Open reaction system, dropping funnel and condenser can be installed for reflux reaction.
* Equipped with inert gas protection interface.



Technical Parameters:

Model	BK-ME1
Reaction Volume	10~1500ml
Stirring Speed	Magnetic: CVT 0~2000rpm (Standard); Mechanical: 0~2000rpm (Optional)
Continuous Working Time	8 hours
Temp Control Range	0~300℃
Temp Control Accuracy	≤±1℃
Temp Measurement Accuracy	≤±0.2℃
Consumption	0-1000W, 10 gears automatically adjustable
Power Supply	AC110/220V, 50/60Hz
External Size	400*600*450mm
Package Size	500*700*500mm
Net/Gross Weight(kg)	40/55kg

Microwave Catalytic Synthesis Extractor

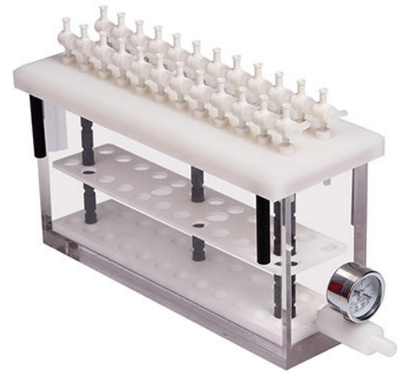
Features:

* High precision temperature sensor.
* Rate heating, programmable temperature control, 20 reaction stages can be set.
* 30L stainless steel chamber, non-magnetic.
* The operation is simple and the whole experiment process is monitored.
* LCD display real-time reaction parameters and temperature curves.
* Can store 10 groups of reaction conditions.
* Embedded printer, one-click printing of experimental parameters.
* Open reaction system, dropping funnel and condenser can be installed for reflux reaction.
* Can be equipped with inert gas joint, can support atmosphere protection.

Technical Parameters:

Model	BK-ME2
Reaction Volume	10~1000ml
Stirring Speed	Magnetic: 0~2000rpm; Optional mechanical stirring kit.
Continuous Working Time	≥15 hours
Temp Control Range	0~300℃
Temp Control Accuracy	±1℃
Temp Test Accuracy	±0.2℃
Consumption	0~1000W, automatic continuous stepless adjustable
Power Supply	Standard: 220V 50Hz; Optional: 110V 60Hz
External Size	520*760*670mm
Net Weight(kg)	35kg
Gross Weight(kg)	40~45kg

Solid Phase Extraction System



Introduction:

The solid phase extraction system is a negative pressure solid phase extraction device. It uses a solid adsorbent to adsorb the target compound in a liquid sample, separates it from the sample matrix and interfering compounds, and then eluates it with an eluent or heats to desorb it to achieve separation and Purpose of enrichment of target compounds (I.e. the separation, purification and enrichment of the sample), the solid phase extraction instrument aims to reduce the interference of the sample matrix and improve the detection sensitivity.

Features:

* The whole machine of 12, 24, and 36-well square solid phase extraction instrument is made of transparent organic glass, which has strong corrosion resistance;
* The wall thickness of the vacuum tank is uniform, so it can withstand high negative pressure above -0.096Mpa, and it will not deform after long-term high-pressure use;
* The pressure is uniform everywhere, the air tightness is good, and the stability is strong;
* The extraction speed is consistent, and the control and adjustment are convenient;
* Multi-channel can be controlled independently, and the joint is corrosion-resistant;
* The internal test tube rack of the solid phase extraction instrument is made of polytetrafluoroethylene, so it has high corrosion resistance.

Technical Parameters:

Model	BK-SPE-12	BK-SPE-24	BK-SPE-36
Capacity	12	24	36
Gas Control Mode	Independent control		
Working Zone Size (mm)	210*100*138	210*120*138	210*140*138
Pressure Display	Pressure gauge		
Vacuum Value	0. 098Mpa		
Flow Control Valve	12	24	36
Package Size (mm)	460*200*290mm		
Gross Weight (kg)	3.6	3.8	4