

Solvent Extraction

Automatic high efficiency fast solvent extractor

IFlex automatic high-efficiency pressure solvent extractor uses the revolutionary XYZ 3D platform design, single-channel 48-bit automatic continuous processing can be upgraded to dual-channel. The tank body is automatically sealed to prevent leakage, the machine is compatible with a variety of 1~100ml extraction tanks, collection bottles can be seamlessly connected with parallel concentrated products, and can meet a variety of application needs at the same time, widely used in environment, food, polymer and other fields.



Features:

- High throughput: Automatic processing of 48 samples, 24 hours of continuous operation
- Flexible configuration: a variety of different specifications of extraction tank one machine common;
- Various sizes of collection bottles and concentrate cups are available; Sample collection solution can be added during operation
- Intelligent control: The method design is fragmented and can be freely combined to meet individual needs
- Convenient operation: Flexible touch terminal to meet the use habits of different operators
- Safe and friendly: the instrument is fully sealed, no need to put into the fume hood; The emergency stop knob stops at one beat to ensure emergency treatment in case of emergencies
- Traceability: With rights management, automatic report generation.

Specifications

Model	IFlex-1H	IFlex-2H
Number of channels	1	2
Working temperature	< 40°C	
Relative humidity	<80%RH	
Supply voltage	220V 50/60Hz	
Instrument size (W*H*D)	1112*672*939	
Power	1100W	
Weight	132 kg	

High efficiency and fast solvent extractor

IHPSE-2 High efficiency and fast solvent extractor has an innovative clogging avoidance design that solves the industry's problem of clogging complex samples easily. Compatible with various specifications of extraction tanks, each channel can be freely combined, flexible choice. Widely used in environment, food, solid waste, petrochemical and other fields.



Features:

- Ultrafast flow rate: The pump fluid power is stronger, the speed is faster, the extraction time is shorter
- Multi-purpose: This machine is compatible with 1~100ml size cans to meet the needs of various application fields such as environment and food
- Prevent leakage: Without manual sealing, the extraction tank is automatically sealed to prevent leakage
- Flexible configuration: Modular design, support 2-channel options, support on-site upgrade
- Safety and environmental protection: The whole closed design of the machine, with ventilation, safety and environmental protection

Specifications

Model	IHPSE-2
Number of channels	2
Working temperature	< 40°C
Relative humidity	<80%RH
Supply voltage	220V 50/60Hz
Instrument size (W*H*D)	649*853*508
Power	1100W
Weight	45 kg

High efficiency and fast solvent extractor

IHPSE-6 can handle up to six samples at the same time and has an innovative clogging avoidance design, solving the industry problem of complex samples easily clogging. Compatible with various specifications of extraction tanks, each channel can be freely combined, flexible choice. Widely used in environment, food, solid waste, petrochemical and other fields.



Features:

- Ultra-high efficiency: six channels of simultaneous sample extraction, easily complete 96 samples a day
- Avoid clogging: Innovative to avoid clogging flow path design, valve and collection line diameter is larger, high pressure valve pressure resistance is stronger, can avoid easily blocked samples clogging
- Strong compatibility: compatible with 1ml, 5ml, 10ml, 22ml, 34ml and other specifications of the extraction tank
- Flexible and free: Independent channel control, can achieve any combination of channels, not limited by the number of samples
- Friendly operation: Touch screen control, no need to equip a computer, human-computer interaction is friendly
- Ultrafast boost and heating: PID process boost, 34ml, normal pressure to 10.34Mpa boost time only 6min.
- Heating rate 30 to 120°C Heating time only takes 4min.

Specifications

Model	IHPSE-6
Number of channels	2
Working temperature	< 40°C
Relative humidity	<80%RH
Supply voltage	220V 50/60Hz
Instrument size (W*H*D)	719*534*723
Power	1100W
Weight	90 kg