

Sample Concentrator

WD1000



Description:

WD1000 Water Bath Sample Concentration consists of a base and supporting assembly, sample holder and gas distribution system. Test tubes are placed by a spring-loaded sample holder and support tray. The gas passes through the flow meter to the distribution system. Flexible tubing leads gas to valve-tube assemblies at each position. Depending on the test-tube size and solvent volume, they can be individually raised or lowered to the correct height. Needles blow gas onto the surface of the solution resulting in rapid evaporation of the solvent.

Features:

- ◆ LCD display, easy operation; safe and reliable to use.
- ◆ Water bath provides gentle heat.
- ◆ Accommodates sample in tubes(diameter 10~29mm), volume(1~ 50ml).
- ◆ 12positions, each position is numbered.
- ◆ Blowing each sample independently.
- ◆ With liquid-level sensor, have alarming function when dry heating.
- ◆ The lifting needle valve controls the gas consumption at each position.
- ◆ All parts are anti-corrosion, durable in use, easy to clean.

Parameters:

Project	Parameters
Temp. range	RT.+5°C~99°C
Time range	1min~99h59min/∞
Display accuracy	0.1°C
Temp accuracy	±1°C
Temp uniformity	±1°C (@60°C)
Heating time	≤30min (40°C-99°C)
Samples position	12positions
Dimension(mm)	390×300×850

Project	Parameters
Tube size	φ10~φ29(liquid volume 1ml~50ml)
Max vertical travel	200mm
Max gas pressure	200Kpa
Max gas usage	15L/min
Gas joint diameter	φ8mm
Power	1000W
Fuse	250V 8A φ5×20
Weight(kg)	10