

Sample Concentrator

- The Instrument consists of a base and stand assembly, sample holder and gas distribution system. Test tubes are held in a block.
- The gas at 5 to 10 psig passes through the distribution manifold, depending on the test-tube size and solvent volume they can be individually raised or lowered to the correct height.
- Needle or glass pipettes blow gas onto the surface of the solution resulting in rapid evaporation of the solvent.
- All materials used are laboratory quality and can withstand contact with organic solvents.
- Acid resistant models are available for corrosive applications.
- High precision and wide range of temperature control.
- Blowing a large number of samples at one time.
- Blowing each sample independently.
- Amount of airflow can be adjusted.
- Easy to operate, safe and reliable to use.



ST-SC200-1



ST-SC200-1A



ST-SC200-2



Specification of Sample Concentrator

Model	ST-SC200-1	ST-SC200-1A	ST-SC200-2
Temperature Control Range	Ambient +5~150°C		
Homogeneity Control Discrepancy @100°C	± 0.5°C		
Homogeneity Control Discrepancy @100°C	0.3°C		
Display	LED		
Temperature Control Discrepancy @40~100°C	± 0.5°C		
Temperature Control Discrepancy @100~150°C	± 1°C		
Block	1	1	2
Heating Time 40~150°C	≤ 30 min		
Standard Blocks	See below		
Power	200W	200W	400W
Power Supply	AC 220V 50/60Hz		
Gas Distribution System	ST-GDS200-1	ST-GDS200-1A	ST-GDS200-2
Nitrogen Consumption	0~10L/ min		
Dimension (L x W x H) mm	280 x 240 x 500		
Needle Length	80mm/ 150mm		
Weight	6kg	6kg	6.5kg

Dry Block

Model	Parameter	Capacity	Dimension (mm)	Model	Parameter	Capacity	Dimension (mm)
ST-BK01	Ø 6mm	49	96 x 96 x 49	ST-BK11	Ø 19mm	16	96 x 96 x 49
ST-BK02	Ø 7mm	49	96 x 96 x 49	ST-BK12	Ø 20mm	16	96 x 96 x 49
ST-BK03	Ø 10mm	25	96 x 96 x 49	ST-BK13	Ø 26mm	9	96 x 96 x 49
ST-BK04	Ø 12mm	25	96 x 96 x 49	ST-BK14	Ø 28mm	9	96 x 96 x 49
ST-BK05	Ø 13mm	25	96 x 96 x 49	ST-BK15	Ø 40mm	4	96 x 96 x 49
ST-BK06	Ø 15mm	12	96 x 96 x 49	ST-BK16	0.5ml	4	96 x 96 x 49
ST-BK07	Ø 15mm	16	96 x 96 x 49	ST-BK17	1.5ml	49	96 x 96 x 49
ST-BK08	Ø 16mm	12	96 x 96 x 49	ST-BK18	2.0ml	25	96 x 96 x 49
ST-BK09	Ø 16mm	16	96 x 96 x 49	ST-BK19 (*)	0.2ml	25	78 x 114 x 26
ST-BK10	Ø 19mm	12	96 x 96 x 49	ST-BK20 (*)	Plate (no hole)	96	81 x 123 x 19

* ST-BK19 and ST-BK20 are used in ST-SC200-1A and ST-GDS200-1