

SC Series Nitrogen Evaporator Concentration Devices



SC200-2



The instrument consist of a base and stand assembly, sample holder and gas distribution system. Test tubes are hold in block.

The gas at 0.02MPa 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.

Needles or glass pipets 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.

Features:

SCT-01 has the feature of independent controllable gas flow for each sample.

High precision and wide range of temperature control,
Blowing a large number of samples at one time,
Blowing each sample independently,
Easy operation, safe and reliable to use.

Technical Specifications;

Model	SCT-01	SC200-1B	SC200-1A	SC200-2
Temperature Range		RT +5°C - 150°C		
Timing Range		1min - 99h59min		
Display		LED		
Temperature Control Accuracy at 40-100°C	1°C	±0.5°C	±0.5°C	±0.5°C
Temperature Control Accuracy at 100-150°C	1.5°C	±1°C	±1°C	±1°C
Temperature Accuracy For Blocks at 40°C		±0.3°C		
Display Accuracy		0.1°C		
Heating Time (40-150°C)		≤30min		
Maximum Vertical Travel		285mm		
Maximum Gas Pressure		0.02MPa (Using Needles ≤16) 0.05MPa (Using Needles >16)		
Maximum Gas Usage		15L/min		
Needles Length (mm)	150	80	150	150
Block Capacity	1 (12pcs)	1	1	2
Power Supply	400W	200W	200W	400W
		AC220V/AC120V, 50/60Hz		
Dimension (mm) (LxWxH)		280x240x500		
Weight (kg)		8		



SCT-01



Flow Control Valve

Block Types For SC Series



Block Types for SC200-1A,1B,2 :

Type	Tube Diameter	Capacity	Dimension (mm)
BK01	6mm	49	96x96x49
BK02	7mm	49	96x96x49
BK04	10mm	25	96x96x49
BK05	12mm	25	96x96x49
BK06	13mm	25	96x96x49
BK07	15mm	12	96x96x49
BK08	15mm	16	96x96x49
BK09	16mm	12	96x96x49
BK10	16mm	16	96x96x49
BK11	19mm	12	96x96x49
BK12	19mm	16	96x96x49
BK13	20mm	9	96x96x49
BK14	26mm	9	96x96x49
BK15	28mm	4	96x96x49
BK16	40mm	4	96x96x49
BK17	0.5ml	49	96x96x49
BK18	1.5ml	25	96x96x49
BK19	2.0ml	96	78x114x26
BK20	Plate	Microplate	91x123x19

Block Types for SCT-01 :

Type	Description	Dimension (mm)
BS01	12xΦ10mm	192x96x49
BS02	12xΦ12mm	192x96x49
BS03	12xΦ13mm	192x96x49
BS04	12xΦ15mm	192x96x49
BS05	12xΦ16mm	192x96x49
BS06	12xΦ19mm	192x96x49
BS07	12xΦ20mm	192x96x49