

DBG-001



DBG-002



Blocks

DBG-001/DBG-002, Sample Concentration

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. Needles or glass Pipettes blow gas onto the surface of the solution resulting in rapid evaporation of the solvent.

Features:

- High precision and wide range of temperature control.
- Blowing a large number of samples at 1 time.
- Blowing each sample independently.
- Amount of airflow can be adjusted.
- Easy operation; safe and reliable to use.



Valve

Model	DBG-001	DBG-002
Temp. Control Range	RT+5°C~150°C	
Timer	1min~99h59min	
Display	LED	
Temp. Control Accuracy @40~100°C	±0.5°C	
Temp. Control Accuracy @100~150°C	1°C	
Display Accuracy	0.1°C	
Heating Time(40°C~150°C)	≤30min	
Standard Blocks	1	2
Nitrogen Consumption	0~10L/min	
Dimensions (L×W×H) mm	280×240×110	
Needle Length	150mm	

Model	Type	Description	Dimensions (mm)
301-01081-01	BK01	49×Φ6mm	96×96×49
301-01081-02	BK02	49×Φ7mm	96×96×49
301-01081-03	BK03	25×Φ10mm	96×96×49
301-01081-04	BK04	25×Φ12mm	96×96×49
301-01081-05	BK05	25×Φ13mm	96×96×49
301-01081-06	BK06	12×Φ15mm	96×96×49
301-01081-07	BK07	16×Φ15mm	96×96×49
301-01081-08	BK08	12×Φ16mm	96×96×49
301-01081-09	BK09	16×Φ16mm	96×96×49
301-01081-10	BK10	12×Φ19mm	96×96×49
301-01081-11	BK11	16×Φ19mm	96×96×49
301-01081-12	BK12	9×Φ20mm	96×96×49
301-01081-13	BK13	9×Φ26mm	96×96×49
301-01081-14	BK14	4×Φ28mm	96×96×49
301-01081-15	BK15	4×Φ40mm	96×96×49
301-01081-16	BK16	49×0.5ml tubes	96×96×49
301-01081-17	BK17	25×1.5ml tubes	96×96×49
301-01081-18	BK18	25×2.0ml tubes	96×96×49
301-01081-19	BK19	96×0.2ml tubes	78×114×26
301-01081-20	BK20	96×0.2ml microplate	81×123×19



DBG-003

DBG-003, Sample Concentration, Each Sample Independently

Features:

- High precision and wide range of temperature control.
- Blowing at a large number of samples at one time.
- Blowing each sample independently.
- Amount of airflow can be adjusted.
- Easy operation; safe and reliable to use.
- Low Nitrogen consumption of 330ml/min/sample.

Model	DBG-003
Temperature Control Range	RT+5°C-150°C
Temperature control discrepancy	≤±1°C (RT+5°C~100°C) ≤±1.5°C (100°C~150°C)
Heating time (from 40°C to 150°C)	≤30min
Processing timer	1min~99h59min
Maximum input power	400W
Temp. control discrepancy	0.1°C
Deedles length	150mm
Capacity	12 pcs
Dimensions (L×W×H)mm	280×240×500

Model	Type	Description	Dimensions (mm)
301-06091-01	BD01	12×Φ10mm	192×96×49
301-06091-02	BD02	12×Φ12mm	192×96×49
301-06091-03	BD03	12×Φ13mm	192×96×49
301-06091-04	BD04	12×Φ15mm	192×96×49
301-06091-05	BD05	12×Φ16mm	192×96×49
301-06091-06	BD06	12×Φ19mm	192×96×49
301-06091-07	BD07	12×Φ20mm	192×96×49



DBD-SAMPLER

DBD-SAMPLER, Manual Head Space Sampler

Head space analysis has generally been limited to costly automated systems – until now! This manual sampler enables to utilise the head space technique in a quantitative, economical and precise manner. Analyses up to six samples at a time using all popular vial sizes, from 2 to 27ml.

Features:

- Volatile in pharmaceuticals.
- Flavours analysis.
- Alcohol and other toxic compounds in blood.
- Screening of volatile in all type of environmental samples e. g. soils, waters, plastics, polymers, etc.

Model	DBD-SAMPLER
Heating temperature range	RT+5°C-100°C
Variable injection	up to 2.5ml
Temperature accuracy	±0.5°C
Holds up to 6 vials of	2, 10, 20ml
Stabilization time from 20ml vials: 8minutes	25°C to 70°C with 1ml syringe and 6 empty



STEP-1



STEP-2



STEP-3



STEP-4



STEP-5