

Pressured Gas Blowing Concentrator MGS-2200

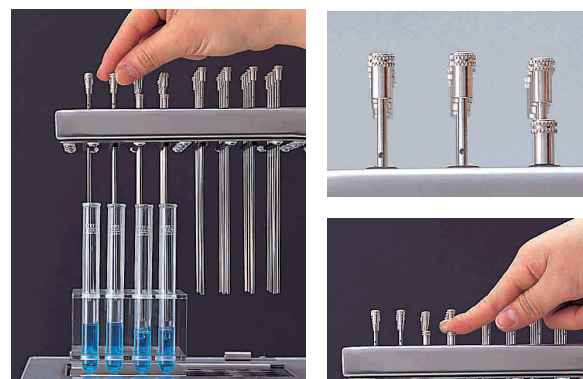


MGS-2200

*Operation panel



*Individual gas blowing system (PAT.P)



*Aluminum block

Model	Applicable container (out diameter)	number of holes	Cat. No.
MGB-0548	8mm Micro-tube 0.5mL	48	207570
MGB-1540	11mm Micro-tube 1.5mL	40	207580
MGB-1240	12mm test tube		207590
MGB-1524	15mm test tube		207600
MGB-1624	16.5mm test tube	24	207610
MGB-1822	18mm test tube	22	207620
MGB-2116	21mm test tube	16	207630
MGB-2412	24mm test tube	22	207640
MGB-2512	25mm test tube		207650

Features

- This equipment is designed to apply to preparative samples in chromatography, or mass spectrometry analysis.
- High heat-conductance characteristic of Aluminum block implement prompt and uniform heating and temperature control.
- Sample oxidization is prevented by blowing inert gas.
- The unit can work with a large number of samples simultaneously.
- The amount of air flow is adjustable.

Application examples:

- The analysis of agricultural chemicals and environment.
- The examination of food, beverages and drugs.

Specifications

Product name	Pressured Gas Blowing Concentrator
Model	MGS-2200
Cat. No.	Refer product composition
Temperature control range	RT +5°C~200°C
Temp. accuracy	±0.1°C~0.2°C
Temp. control	P. I. D control
Temp. setting & display	Sheet key input, Digital display
Function	Revising temp. display, Auto start/stop, Two-step program, Auto-tuning
Safety features	Alarm functions (min./max. temp. warning power failure, Temp. regulation disorder, Sensor, Watch-dog), Fuse, Independent overheat protector (1 fixed)
Heating method, temp. sensor	Heater 235W, Pt100Ω
Number of aluminum block	one
Dimensions of aluminum block	90W x 125D x 70H (mm)
Adaptatable Aluminum block	Refer Aluminum block table
Mani-fold	170W x 135D x 22H (mm) SUS304
Blowing nozzle	Inner diameter 1.6mm x 180mm length SUS304
Filter	0.2μm dispo type
Connection diameter	Airflow regulated valve, nozzle diameter 9mm
Ambient temperature	5~35°C
External Dimensions (mm) & Weight	240 (260)W x 310D*600H, 7.5kg
Power source	3A, 300VA*AC100V 50/60Hz

Product composition

Model	Cat. No.	Mani-fold		Aluminum block		
		Model	number of needle	Model	Applicable container	Holes
MGS-2200	A 209430	S-048	48	MGB-0548	8mm microtube, 0.5	48
	B 209440	S-040	40	MGB-1540	11mm microtube, 1	40
	C 209450			MGB-1240	12mm test tube	40
	D 209460	S-024	24	MGB-1524	15mm test tube	24
	E 209470			MGB-1624	16.5mm test tube	24
	F 209480			MGB-1822	18mm test tube	22
	G 209490	S-016	16	MGB-2116	21mm test tube	16
	H 209500	S-012	12	MGB-2412	24mm test tube	12
	I 209510			MGB-2512	25mm test tube	12

Micro tubes and micro-plates with 96holes and flat bottoms are available.

Gas Blowing Unit (Manifold)

Model	Applicable container (out diameter)	number of nozzle	Cat. No.
S-048	8mm Microtube 0.5mL	48	206680
S-040	11mm Micro-tube 1.5mL	40	206690
	12mm test tube		
S-024	15mm test tube, 16.5mm test tube	24	206700
S-022	18mm test tube	22	206710
S-016	21mm test tube	16	206720
S-012	24mm, 25mm test tube	22	206730

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Organic Synthesizer

Personal Organic Synthesizer Process Station PPS-1510 · 2510 ——— P.26

Personal Organic Synthesizer Process Station PPS-3510 ——— P.29

Personal Organic Synthesizer Process Station PPS-5510 ——— P.30

Personal Organic Synthesizer Process Station PPV4030 · 4060 ——— P.31

Personal Organic Synthesizer Zodiac CCX-1100 · 1110 · 1300 · 1310 ——— P.33

Personal Organic Synthesizer Zodiac CCX-3200 ——— P.34

Compact Stirrer CPS-1000 ——— P.35

Process Station Optional Accessories ——— P.36

Process Station System Examples ——— P.38

Parts for Personal Organic Synthesizers ——— P.39

Process Reactor React Master DDS-1000 · 1400 ——— P.42

Parts for DDS-1000 · 1400 ——— P.43

