

Gas Generator

Pure Water Hydrogen Generator



Features:

- * SPE technology. * No corrosion and pollution.
- * High purity hydrogen (99.999%)(for Laboratory type). * Suitable for all kinds of GC(Gas chromatography).
- * Stable output flow, safe and convenient to operate, various alarm devices (over pressure alarm, water shortage alarm, water accumulated alarm).
- * The electrolytic cell adopts imported ionic membrane, which has the characteristics of resistance, durability and long life.(for Breathing Type (plastic shell)).
- * The output flow of electrical automatic control system is stable and the fluctuation is small. (for Breathing Type (plastic shell)).

Technical Parameters:

Model	HGC-200	HGC-300	HGC-300T	HGC-300S	HGC-600	HGC-600T	HGC-600S
Type	Laboratory type	Laboratory type	Breathing Type (Iron shell)	Breathing Type (plastic shell)	Laboratory type	Breathing Type (Iron shell)	Breathing Type (plastic shell)
Output Flow(ml/min)	0~120	0~180	0~230	0~230	0~360	0~500	0~500
Output Pressure	0.4MPa/0.02~0.7MPa (under stable pressure)	0.4MPa/0.02~0.7MPa (under stable pressure)	0.2MPa	0.2MPa	0.4MPa/0.02~0.7MPa (under stable pressure)	0.2MPa	0.2MPa
Hydrogen Purity	>99.999%	>99.999%	99.99%	99.99%	>99.999%	99.99%	99.99%
Silicon tube	Yes	Yes	No	No	Yes	No	No
Pressure stability	<0.001Mpa						
Consumption	120W	150W	300W				
Power Supply	AC 110V/ 220V±10%, 50/60Hz						
External Size (W*D*H)	350*220*380mm	350*220*380mm	400*270*430mm	400*270*430mm	350*220*380mm	400*270*430mm	400*270*430mm
Package Size (W*D*H)	500*370*540mm	500*370*540mm	500*370*550mm	560*402*600mm	500*370*540mm	500*370*550mm	560*402*600mm
Net Weight	11kg	11kg	9kg	8kg	13kg	9.5kg	9kg
Gross Weight	12kg	12ka	10.5kg	9.5kg	14kg	11kg	10.5ka

Nitrogen Generator



Features:

- * Safe and convenient.
- * Compact structure. Take up very little laboratory space.
- * Nitrogen generators supply ideal ultra pure nitrogen for GC(Gas Chromatography), LC/MS(Liquid Chromatograph/Mass Spectroscopy) and Thermal Analyzer.
- * Continuously generate ultra pure nitrogen through Pressure Swing Adsorption (PSA) technology. No longer need to use inconvenient and dangerous high pressure nitrogen cylinders in laboratory.

Technical Parameters:

Model	NG-300	NG-300H	NG-500	NG-500H
Output Flow	0~300 ml/min		0~500 ml/min	
Output Pressure	0~0.4 MPa			
Purity	99.99%	99.999%	99.99%	99.999%
Surrounding Requirement	0-40℃, no dust and corrosive gas			
Consumption	<680 W		<700 W	
Power Supply	AC 110V/ 220V±10%, 50/60Hz			
External Size(W*D*H)	520*286*700mm	520*286*700mm	520*286*700mm	520*286*700mm
Package Size(W*D*H)	650*450*950mm	630*390*870mm	650*450*950mm	630*390*870mm
Net Weight	50kg	50kg	50kg	50kg
Gross Weight	58kg	60kg	58kg	60kg

Water Purifier Medium Type (Automatic RO/DI Water)

Features:

- * Large LCD display, animation mode, show all the running state and parameters.
- * Automatic microcomputer control system, multi-menu operating.
- * Alarm function: Water quality, no water, full water, consumables life ending. Automatic diagnosis.
- * 3-way on-line sensor, detect the quality of feed water, RO water and DI water's quality timely.



Technical Parameters:

Model	SCSJ-V 45		SCSJ-V 63		SCSJ-V 94	SCSJ-V 125
Water Output Type	RO and DI water					
Water Output Speed	45L/H		63L/H		94L/H	125L/H
Purifying Procedure	PF+AC+RO+AC+DI+TF					
Water Supply Requirement	Tap water: TDS<200ppm, 5~45°C, 1.0~4.0Kg/cm² (if TDS>200ppm, extra pretreatment filter is recommended)					
Purification System	Pretreatment unit	20"PP filter*1, 20" granular active carbon filter*1 , 20" active carbon block filter*1				
	RO unit	300 GPD RO membrane*1	400 GPD RO membrane*1	600 GPD RO membrane*1	400 GPD RO membrane*2	
	Subsequent unit	Organic matter purification column*1; 12L ultra-purified column (imported resin)*1; 0.2µm imported PES terminal filter*1				
DI Water	Resistivity	10-18.2MΩ.cm				
	Conductivity	0.1-0.055µs/cm				
Quality	Heavy metal	<0.1ppb				
	Bacteria	<0.01cfu/ml				
	Particle(>0.2µm)	<1/ml				
Flow Rate	3.0 L/min (when there is water in the water tank)					
RO Water Quality	TDS(Total dissolved solid) of RO water(ppm)<TDS of inlet water*5%					
Consumption	120W				240W	
Power Supply	AC220V±10%, 50Hz±5%(Standard); AC110V, 60Hz(Optional)					
Standard Configuration	Main body(include 1 set of purification column), 2 built-in 15 liters tank, accessory pack					
External Size(W*D*H)	640*540*1110mm					
Package Size(W*D*H)	650*750*1280mm					
Gross Weight	90kg					

Water Purifier Medium Type (Automatic RO Water)



Features:

- * Large LED display, show all the running state and parameters.
- * RO membrane clean automatically. High/Low pressure protection.
- * Alarm function: Water quality, no water, full water, consumables life ending. Automatic diagnosis.

Technical Parameters:

Model		SCSJ-IV 45	SCSJ-IV 63	SCSJ-IV 94	SCSJ-IV 125
Water Output Type		RO water			
Water Output Speed		45L/H	63L/H	94L/H	125L/H
Purifying Procedure		PF+AC+AC+RO			
Water Supply Requirement		Tap water: TDS<200 ppm, 5~45°C, 1.0~4.0Kg/cm² (if TDS>200ppm, extra pretreatment filter is recommended)			
Purification System	Pretreatment unit	20" PP filter*1, 20" granular active carbon filter*1 , 20" active carbon block filter*			
	RO unit	300 GPD RO membrane*1	400 GPD RO membrane*1	600 GPD RO membrane*1	400 GPD RO membrane*2
Pure Water Quality	Ion rejection rate	97%~99% (New RO membrane)			
	Organic rejection rate	>99%, when MW>200 Dalton			
	Particles and bacteria	>99%			
	Rejection rate	<0.01cfu/ml (with optional 0.2μm PES terminal filter)			
	Bacteria	<1/ml (with optional 0.2μm PES terminal filter)			
	Particles(>0.2μm)	TDS meter, Online resistivity monitor(optional)			
Water Quality Monitor		120W		240W	
Consumption		AC220V±10%, 50Hz±5%(Standard); AC110V, 60Hz(Optional)			
Power Supply		Main body (Including 1 set of purification column), 2 built-in 15L water tank,			
Standard Configuration		TDS/conductivity test pen, accessory pack			
External Size(W*D*H)		640*540*1110mm			
Package Size(W*D*H)		650*750*1280mm			
Gross Weight		90kg			

Water Purifier (RO & DI water)

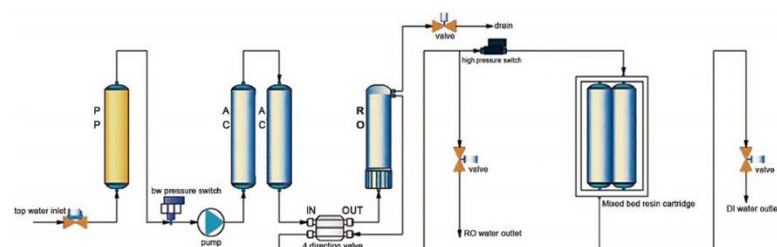


SCSJ-I-10L



SCSJ-II-30L

Purifying procedure:



PF: Pre-treatment Filter AC: Activated Carbon RO: Reverse Osmosis DI: Ion Exchange

Parameters:

Model	SCSJ-I-10L	SCSJ-II-30L
Water Output Type	RO & DI water	
Water Output Speed	10L/H	30L/H
Purifying Procedure	PF+AC+RO+DI	
Water Supply Requirement	Tap water: TDS<200ppm, 5~45°C, 1.0~3.5Kgf/cm2	
Pre-treatment	10 PP filter*1+10"Activated carbon *2	10"PP filter*1+10"active carbon filter*1
RO Unit	50 GPD RO membrane*1	300 GPD RO membrane*1
Subsequent Unit	Deionization purification column*2	Deionization purification column*1
Pure Water Quality	Soluble organic matter: Rejection rate>99% (molecular weight>100)	
	Particle: Rejection rate>99%	
	Microbe: Rejection rate>99%	
	Salt rejection rate: >99%	
	TDS (total solids solubility): RO water: 5~10 ppm	
	Resistivity: 10-18.25MΩ.cm	
	PM (particulate matter) (>0.22μm): <1/ml	
	Conductivity: 0.055-0.1us/cm	
	Microbe/Germ: <1 CFU/ml	
Water Quality Monitor	TDS (Total Dissolved Solids) meter	
Consumption	46W	113W
Power Supply	AC220V±10%, 50/60Hz; 110V±10%, 60Hz	
Standard Configuration	Main body (Include 1 set of cartridges)+TDS meter	
External Size (W*D*H)	390*400*503mm	325*403*650mm
Package Size (W*D*H)	500*520*650mm	460*420*1200mm & 670*400*260mm
Gross Weight	27kg	40kg

Water Purifier

Laboratory Water Purifier



Features:

- * Nano RO membrane filters tiny substances more efficiently.
- * Fully automatic control, one-key boot, simple operation.
- * With high pressure and low pressure protection, safer operation.
- * With consumable replacement alarm.
- * Compliance with national standard GB/T6682-2008 water requirements.
- * LCD display, display water quality information.

Technical Parameters:

Model	SCSJ-II-20L	SCSJ-II-30L	SCSJ-II-40L
Water Output Type	RO water outlet*1 and DI water outlet*1		
Water Output Speed	20 L/H	30 L/H	40 L/H
Purifying Procedure	PF+AC+RO+DI		
Water Supply Requirement	When working, the inlet water pressure is 0.1-0.3Mpa, and the water quality meets the requirements of GB5749, 15 ~ 35°C		
Environmental Requirements	Temperature 15 ~ 35°C Relative Humidity ≤80%		
Purification System	10"PP filter*1, 10"active carbon filter*1 300GPD RO membrane*1 Deionization purification column*1		
DI Water Quality	Resistivity	10-18.25MΩ.cm	
	Conductivity	0.055-0.1μs/cm	
	Heavy metal	<0.1ppb	
	Particle	<1/ml	
	Bacteria	<0.1cfu/ml	
RO Water Quality	Ion rejection rate	96%-99%	
	Organic rejection rate	>99%	
	Particles and bacteria rejection rate	>99%	
Flow Rate	1750ml/min		
Consumption	113W		
Power Supply	AC220V±10%, 50Hz±5% (Standard); AC110V, 60Hz (Optional)		
Standard Configuration	Main body , 25Lwater tank, accessory pack		
Instrument Size(W*D*H)	403*325*650mm		
Package Size(W*D*H)	Instrument	460*420*1200mm	
	Accessory Box	670*400*260mm	
Gross Weight	40kg		

Laboratory Water Purifier



Features:

- * Nano RO membrane filters tiny substances more efficiently.
- * Fully automatic control, one-key boot, simple operation.
- * With high pressure and low pressure protection, safer operation.
- * With consumable replacement alarm.
- * Compliance with national standard GB/T6682-2008 water requirements.
- * LCD display, display water quality information.

Technical Parameters:

Model		SCSJ-II-60L	SCSJ-II-80L	SCSJ-II-100L
Water Output Type		RO water outlet*1 and DI water outlet*1		RO water outlet*1 and DI water outlet*2
Water Output Speed		60 L/H	80 L/H	100 L/H
Purifying Procedure		PF+AC+RO+DI		
Water Supply Requirement		When working, the inlet water pressure is 0.1-0.3Mpa, and the water quality meets the requirements of GB5749, 15 ~ 35°C		
Environmental Requirements		Temperature 15 ~ 35°C Relative Humidity ≤80%		
Purification System		Precision filter*1; Deionization purification column*1 300GPD RO membrane*2 (SCSJ-II-60L, SCSJ-II-80L) 400GPD RO membrane*2 (SCSJ-II-100L)		
DI Water Quality	Resistivity	10-18.25MΩ.cm		
	Conductivity	0.055-0.1μs/cm		
	Heavy metal	<0.1ppb		
	Particle	<1/ml		
	Bacteria	<0.1cfu/ml		
RO Water Quality	Ion rejection rate	96%~99%		
	Organic rejection rate	>99%		
	Particles and bacteria rejection rate	>99%		
Flow Rate		2500ml/min		
Consumption		230W		
Power Supply		AC220V±10%, 50Hz±5% (Standard); AC110V, 60Hz (Optional)		
Standard Configuration		Main body , 50Lwater tank, accessory pack		Main body , 20Lwater tank (0.5 gallon pressure tank), accessory pack
Instrument Size(W*D*H)		390*400*1000mm		
Package Size(W*D*H)	Instrument	490*480*1100mm		950*490*1100mm
	Tank	415*415*700mm		
	Accessory Box	680*400*230mm		
Gross Weight		45kg		70kg

Laboratory Water Purifier



Features:

- * Nano RO membrane filters tiny substances more efficiently.
- * Fully automatic control, one-key boot, simple operation.
- * With high pressure and low pressure protection, safer operation.
- * With consumable replacement alarm.
- * Compliance with national standard GB/T6682-2008 water requirements.

Technical Parameters:

Model		SCSJ-I-10L	SCSJ-I-15L
Water Output Type		RO water outlet*1 and DI water outlet*1	
Water Output Speed		10 L/H	15 L/H
Purifying Procedure		PF+AC+RO+DI	
Water Supply Requirement		When working, the inlet water pressure is 0.1-0.3Mpa, and the water quality meets the requirements of GB5749, 15 ~ 35°C	
Environmental Requirements		Temperature 15 ~ 35°C Relative Humidity ≤80%	
Purification System		10"PP filter*1, 10"active carbon filter*2 50GPD RO membrane *1 Deionization purification column*2	
DI water Quality	Resistivity	10-18.25MΩ·cm	
	Conductivity	0.055-0.1μs/cm	
	Heavy metal	<0.1ppb	
	Particle	<1/ml	
	Bacteria	<0.1cfu/ml	
RO water Quality	Ion rejection rate	96%~99%	
	Organic rejection rate	>99%	
	Particles and bacteria rejection rate	>99%	
Flow Rate		167ml/min	250ml/min
Consumption		46W	
Power Supply		AC220V±10%, 50Hz±5%(Standard); AC110V, 60Hz(Optional)	
Standard Configuration		Main body	
Instrument Size(W*D*H)		390*400*503mm	
Package Size(W*D*H)		500*520*650mm	
Gross Weight		27kg	

Water Purifier (Automatic RO/DI Water)



Technical Parameters:

Model		SCSJ-III 15	SCSJ-III 30
Display		LCD	
Water Output Type		RO and DI water	
Water Output Speed		15L/H	30L/H
Purifying Procedure		PF+AC+RO+DI	
Water Supply Requirement		Tap water: TDS<200ppm, 5~45°C, 1.0~4.0Kg/cm² (If inlet TDS>200ppm, extra pretreatment filter is recommended)	
Purification System	Pretreatment unit	PP filter *1, Special active carbon filter *2	
	RO unit	100GPD RO membrane*1	200GPD RO membrane*1
	Subsequent unit	Deionization purification column (imported resin) *2	Deionization purification column (imported resin) *3
Pure Water Quality	Ion rejection rate	97%~99% (New RO membrane)	
	Organic rejection rate	>99%, when MW>200 Dalton	
	Particles and bacteria rejection rate	>99%	
	Resistivity	15~18.2MΩ·cm	
		Conductivity 0.055~0.067μs/cm	
Control System		Automatic electronic pressure sensor controlling, RO membrane auto flushing, Automatic stop when water supply shortage, Automatic stop when water tank full, Automatic cutting off water when pump stop, 24 hours non-stop work	
Flow Rate		2.0 L/min (when there is water in the water tank)	
Water Quality Monitor		TDS/conductivity test pen	
Consumption		72W	
Power Supply		AC220V±10%, 50Hz±5%(Standard); AC110V, 60Hz(Optional)	
Standard Configuration		Main body(include 1 set of purification column), 15L water tank, TDS/conductivity test pen, accessory pack	
External Size(W*D*H)		410*220*420mm	
Package Size(W*D*H)		600*490*580mm	
Gross Weight		35kg	

Commercial Dehumidifier



Features:

- * Microcomputer control, intelligent operation
- * LED display, indicate humidity
- * Low temperature available, efficient automatic defrosting system
- * Timing range: 1~24 hours
- * Pipe continue drainage function

Technical Parameters:

Model	BKDH-890D	BKDH-8138D
Humidity Removal Capacity	90L/24H	138L/24H
Humidity Adjusted Range	40%~90%RH	
Air Circulation	1100 m³/h	1200 m³/h
Refrigerant	R410A	
Material	Cold Rolled Plate Coating	
Applying Area	90~150 m²	130~180 m²
Power Supply	AC 110V/60Hz; 220V±10%, 50/60Hz	
Consumption	1300W	1500W
External Size (W*D*H)	480*420*960mm	480*420*1060mm
Packing Size (W*D*H)	540*460*1020mm	540*460*1100mm
Net Weight	60kg	65kg
Gross Weight	62kg	67kg

Industrial Dehumidifier



Features:

- * With memory function in case of power-failure
- * World famous brand compressor, and high-quality centrifugal fan with low noise
- * Microcomputer automatic control, large LED display
- * 10L built-in water tank or external pipe is available (for BKDH-6.8DT)
- * Equipped with a handle and big wheels, mobile and portable (for BKDH-6.8DT)
- * Timing range: 1~24 hours
- * Automatic defrost system with high-efficiency
- * Automatic fault diagnosis function
- * Continuous pipe drainage function

Technical Parameters:

Model	BKDH-6.8DT	BKDH-12KT	BKDH-15KT	BKDH-20KT
Humidity Removal Capacity	7L/h	10L/h	16L/h	20L/h
Working Condition	At 30°C, 80% humidity, it achieves maximum dehumidifying capacity			
Air Circulation	2000m³/h	2800m³/h	4000m³/h	5600m³/h
Refrigerant	R410A			
Control Precision	±5%RH			
Applying Area	180~230 m²	250~350 m²	350~400 m²	450~550 m²
Applicable Temperature °C	5~38°C			
Defrost	Auto Defrost			
Consumption	2100W	3800W	6100W	8000W
Drainage Type	10L Water tank(standard) or external pipe			
Power Supply	AC110V/220V±10%, 50/60Hz 380V, 50HZ			
External Size(W*D*H)	525*740*1155mm	770*470*1630mm	1095*485*1750mm	1095*485*1750mm
Package Size(W*D*H)	585*765*1225mm	955*605*1780mm	1280*620*1900mm	1280*620*1900mm
Net Weight	95kg	175kg	260kg	280kg
Gross Weight	100kg	185kg	275kg	295kg

Dehumidifier

Home dehumidifier



Features:

- * With active carbon filter. * Timing range: 1~24 hours.
- * LED display, indicate humidity. * Microcomputer control, intelligent operation.
- * With drains to keep continuous drainage function.
- * Low temperature available, efficient automatic defrosting system.
- * E series, high sensitivity causative touch screen, D series, button screen.
- * Voice prompt function: the dehumidifier stop work and alarm when the water tank is full.

Technical Parameters:

Model	BKDH-820E	BKDH-830E
Humidity Removal Capacity	20L/24H	30L/24H
Humidity Adjusted Range	40%~90%RH	
Air Circulation	280 m³/h	310 m³/h
Refrigerant	R134A	
Material	ABS	
Applying Area	30~70 m²	35~80 m²
Power Supply	AC 110V/60Hz; 220V±10%, 50/60Hz	
Consumption	280W	330W
Water Tank	5.1L	
External Size (W*D*H)	373*266*612mm	
Packing Size (W*D*H)	410*310*660mm	
Net Weight	14kg	14.5kg
Gross Weight	15kg	15.5kg
Border Color	Green/Black	Green/Black

Home dehumidifier



Features:

- * With active carbon filter. * Timing range: 1~24 hours.
- * LED display, indicate humidity. * Microcomputer control, intelligent operation.
- * With drains to keep continuous drainage function.
- * Low temperature available, efficient automatic defrosting system.
- * E series, high sensitivity causative touch screen, D series, button screen.
- * Voice prompt function: the dehumidifier stop work and alarm when the water tank is full.

Technical Parameters:

Model	BKDH-850D	BKDH-860D	BKDH-860E
Humidity Removal Capacity	50L/24H	60L/24H	
Humidity Adjusted Range	40%~90%RH		
Air Circulation	710 m³/h	723 m³/h	
Refrigerant	R410A		
Material	ABS		
Applying Area	50~110 m²	70~120 m²	
Power Supply	AC 110V/60Hz; 220V±10%, 50/60Hz		
Consumption	700W	740W	
Water Tank	10L		
External Size (W*D*H)	436*290*720mm		
Packing Size (W*D*H)	488*342*773mm		
Net Weight	23.5kg	24.5kg	
Gross Weight	25kg		
Border Color	Black		Black/Green