

Nitrogen & Hydrogen & Air Generator



Features:

- * It can replace traditional high pressure cylinders. N₂, H₂ and air are generated separately or together, intermittently or continuously. The purity of gas will not decay for long time use.
- * Easy to operate, switching power on to produce gas, regular output flow, completely automatic tracking equipment.
- * Generate nitrogen through world's leading Pressure Swing Adsorption (PSA) technology, which replaces the traditional electrolyte separation technology.
- * It is safe and convenient to operate, has no corrosion toward instrument and supplies gas for 24 hours.
- * Generate hydrogen through world leading SPE (PEM) technology. No longer need to add lye. Without alkali reversion.
- * It's powered by whole sealing silent air compressor. After purification, water, oil, dust and impurities are removed. Through pressure stable system, pure and silent air is finally produced under stable pressure.

Technical Parameters:

Model	NHA-300		
Gas Type	N ₂	H ₂	Air
Output Flow	0~300ml/min	0~300ml/min	0~1000ml/min
Output Pressure	0~0.4MPa		
Purity	99.99%	99.999%	Three-level Purification, CO ₂ : 0.039%, Oil: 0.54ppm
Consumption	<350W		
Power Supply	AC110/220V±10%, 50/60Hz		
External Size(W*D*H) mm	460*440*460		
Net Weight(kg)	55		

Heating Mantle

Electronic & Digital Heating Mantles



Features:

- * Corrosion-resisting and ageing-resistant.
- * The internally heater is in hemisphere shape with high efficiency.
- * The external material is cold-rolled steel with anti-bacteria powder coating.
- * It adopts high-temperature resistant alkali-free glass fiber with good isolation performance.

Technical Parameters:

Model	HME-I (Electronic Display)				HMD-I(LED Display)					
Capacity(ml)	100	250	500	1000	2000	3000	5000	10000	20000	50000
Working Time	Continuous									
Max. Temperature	380°C									
Consumption	100W	150W	200W	300W	400W	600W	1000W	1500W	2500W	6000W
Power Supply	AC110/220V±10%, 50/60Hz									
Internal Size(mm)	Φ70*40	Φ95*50	Φ110*50	Φ150*70	Φ180*80	Φ200*100	Φ245*150	Φ310*175	Φ380*190	Φ480*270
External Size (W*D*H)	200*215*150mm			240*260*170mm	285*300*200mm	355*300*240mm	415*370*270mm	480*430*300mm	540*530*280mm	665*450*550mm
Packing Size (W*D*H)	210*225*170mm			250*70*190mm	300*310*210mm	300*310*245mm	370*380*285mm	500*440*320mm	560*560*290mm	775*775*560mm
Net Weight	1.7kg	1.8kg	1.8kg	2.7kg	4kg	4.5kg	7kg	10kg	13kg	53kg
Gross Weight	1.8kg	2kg	2kg	3kg	5kg	5kg	8kg	11kg	14kg	68kg

Electronic & Digital Magnetic Stirring Heating Mantles



Features:

- * The internal heater is in hemisphere shape with high efficiency.
- * The external material is cold-rolled steel with anti-bacteria powder coating.
- * Stepless speed adjustment, uniform temperature, easy to operate with effective use.
- * It adopts high-temperature resistant alkali-free glass fiber with good isolation performance.
- * Stable precise stirring to liquid solution is within a wider speed scope, especially in the experiments of samples with small volume.

Technical Parameters:

Model	HME-II(Electronic Display)		HMD-II(LED Display)		
Capacity(ml)	100	250	500	1000	2000
Max. Temp.	380°C				
Speed	0~1200rpm				
Working Time	Continuous				
Max Use Temp.	380°C				
Consumption(W)	100	180	250	300	500
Power Supply	AC220/110V±10%, 50/60Hz				
Internal Size(mm)	Φ70*50	Φ90*60	Φ105*65	Φ135*80	Φ175*95
External Size(W*D*H)	210*195*165mm	210*195*165mm	210*195*165mm	275*260*205mm	315*300*215mm
Packing Size(W*D*H)	245*240*205mm	240*235*200mm	245*240*205mm	300*295*255mm	325*320*260mm
Net Weight	3kg	3kg	4kg	4kg	5kg
Gross Weight	4kg	4kg	5kg	5kg	6kg

Several Rows Electronic Control Heating mantles



Features:

- * Corrosion-resisting and ageing-resistant.
- * The internal heater is in hemisphere shape with high efficiency.
- * The external material is cold-rolled steel with anti-bacteria powder coating.
- * It adopts high-temperature resistant alkali-free glass fiber with good isolation performance.

Technical Parameters:

Model	Rows	Capacity (ml)	Max. Use Temp.	Working Time	Consumption(W)	Power Supply	External Size (W*D*H) mm	Packing Size (W*D*H) mm	Net Weight	Gross Weight
HME-III	Two rows	100	380°C	Continuous	100*2	AC110/220V±10%, 50/60Hz	280*290*150	325*335*195	4kg	5kg
		250			180*2		280*290*150	325*335*195	4kg	5kg
		500			250*2		320*320*150	365*365*195	5kg	6kg
		1000			300*2		390*355*150	435*400*195	7kg	8kg
	Four rows	100			100*4		550*290*150	595*335*195	8kg	9kg
		250			180*4		550*290*150	595*335*195	8kg	9kg
		500			250*4		635*315*150	680*360*195	10kg	11kg
		1000			300*4		780*350*150	825*395*195	14kg	15kg
	Six rows	100			100*6		830*295*150	875*340*194	12kg	13kg
		250			180*6		830*295*150	875*340*195	13kg	14kg
		500			250*6		950*310*150	995*355*195	14kg	16kg
		1000			300*6		1170*355*150	1620*400*195	20kg	21kg