

Specialized onsite compact box-type PSA Nitrogen Generator



CanGas® CAPN HP-SC Onsite PSA Nitrogen Generator was developed 20 years ago dedicated to highly compact Nitrogen generation system for electronic applications, especially for SMT Reflow Oven. CAN GAS provides a complete range of PSA Nitrogen generators suitable for easy application in SMT Reflow Ovens. It is helpful to improve productivity and reduce costs by reducing the amount of time needed to reflow solder paste, and increase safety. With plug and play design and versatile adaptability, the CAPN HP-SC series PSA Nitrogen generator is excellent in performance, convenience and efficiency.

CAN GAS SYSTEMS COMPANY LIMITED

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Product specifications

Model	CAPN HP-15SC	CAPN HP-20SC	CAPN HP-25SC	CAPN HP-30SC
Nitrogen purity	99.999%-99.99%			
Nitrogen flow	9~15Nm³/h	12~20Nm³/h	15~25Nm³/h	18~30Nm³/h
Working pressure	7-8bar			
Nitrogen pressure	5-6bar			
Power supply	AC220V,1phase			
Dimension L*W*H	1400*750*1500mm		1700*750*1700mm	
Interfaces	Inlet: G1"; outlet: G1/2"			
Weight	650kg	750kg	850kg	1000kg
Built-in Nitrogen buffer	0.1m³		0.2m³	
Optional air filters	External four-stage high efficiency & high precision air filter			
Optional smart control	CANBUS-HMI Smart Auto Control System with realtime Nitrogen purity & flow monitoring & display			
Feed air (+10% as allowances)	1.2m³/min@8bar @99.99%	1.5m³/min@8bar @99.99%	1.9m³/min@8bar @99.99%	2.3m³/min@8bar @99.99%
Optional air buffer	External 0.1m³ air buffer tank		External 0.2m³ air buffer tank	
Remark	Feed air requirements above are based on user jobsite with altitude of below 500 meters			

※ For more models & specifications other than listed, please consult CAN GAS sales department

Product Key Features

1. High efficiency and reliable for operation mode of 7*24hrs
2. Compact and small footprint
3. Heavy duty caster, portable and stable
4. Time-proven PSA technology
5. Smart Control: Optional CANBUS-HMI colorful touch screen automatic control system
6. Low Noise: Sturdy and noise reduction industrial cabinet
7. Convenient and easy installation: Plug and play design
8. Low power consumption
9. Flexible, easy expansion and simply to increase Nitrogen capacity by a few Nitrogen generators in parallel
10. Neat and beautiful appearance, easy to clean and manage, and meets the high cleanliness requirements of the electronics industry
11. Versatile Configuration Options: High adaptability



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