

Desktop Micro PSAs for analytical work at Universities & R&D Institutes



MODEL : Micro mini O2



MODEL : Micro mini 4N

Sound Design Concept & Innovative group of engineers

Small amounts of carrier gas are often used for analysis & experiments at laboratories all over the world. Handling of high pressure cylinders is cumbersome, dangerous and requires certified handlers. Micro mini PSA gas generators solve this problem for you without requiring outside vendors. Mini Micro systems are designed to be small, quiet, energy efficient, exhibit low vibration and have long reliability.

Built-in Compressor Proprietary solenoids Various internal sensors + LCD

Proprietary compressor consumes little power and exhibits high performance with low noise & vibration.

Patented miniature manifold solenoids made it possible to design compact PSAs with high reliability & ease of maintenance.

Oxygen sensors, flow rate sensors and current sensors are employed for smooth operation. In case of unexpected events, these sensors will lead to a fail safe shutdown with error messages.

Specifications Note1: Factory certified purity level is measured by remaining O2 gas in produced output gas.

	N2 Gas PSA generators		O2 Gas PSA generators	
Models	Micro Mini 2N (3N) [4N]		Micro Mini O2	
Purity Level & Output Flow	99%	4.0NL/min	90%	1.0NL/min
	99.9%	2.0NL/min		
	99.99%	1.0NL/min		
Cabinet Dimensions	280(W)×350(D)×360(H) mm			
Weight	20kg			
Noise Level	50dB(A)			
Input Voltage	AC100V 50/60Hz			
Power Consumption	180W			
Compressor Rating	90W (made in Japan)			
Control Methd	Internal Computer Program Controlled with LCD Display			
Sensors used	O2 concentration sensor, Flow rate sensor, Current sensor			