

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



Micro Mini I



Micro Mini II

Built-in compressor: designed for long life & low noise **Proprietary manifold solenoids**

The compressor is operated at 50% of rated load to achieve +10,000 hrs run reliability with low power consumption

Patented Miniature manifold solenoids make it possible to design compact PSAs with high reliability & ease of operation.

Internal sensors and LCD display make diagnosis easier for problems

Oxygen concentration sensor, flow rate sensor and current sensors are built-in for smooth operation but in case of unexpected events, the monitoring system will lead to a fail safe system shut down with appropriate error messages

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

Models	Micro Mini I		Micro Mini II	
Purity Level & Output Flow	99%	4.0NL/min	99%	8.0NL/min
	99.9%	2.0NL/min	99.9%	4.0NL/min
	99.99%	1.0NL/min	99.99%	2.0NL/min
Cabinet Dimensions	280 (W) × 350 (D) × 360 (H) mm		360 (W) × 440 (D) × 480 (H) mm	
Weight	20kg		54kg	
Noise Level	50dB(A)		55dB(A)	
Power Consumption	180W		300W	
Input Voltage	AC115V(Single Phase) 60Hz			
System Control	Internal Computer Program Control with various built in sensors			

Micro Mini Series

Ultra Micro PSA Oxygen Gas Generators with built-in oil free compressor

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

2. Produced gas amount is measured at 20 degree C at 60% RH.

Models	Micro Mini O ₂ I		Micro Mini O ₂ II	
Gas Production	90%	1.0NL/min	90%	2.0NL/min
Cabinet Dimensions	280 (W) × 350 (D) × 360 (H)		360 (W) × 440 (D) × 480 (H)	
Weight	20kg		54kg	
Noise Level	50dB(A)		55dB(A)	
Power Consumption	180W		300W	
Input Voltage	AC115V (Single Phase) 60Hz			
System Control	Internal computer program control with various sensors			