

PSA nitrogen generators – NG/ZNG series



F-DGS's range of laboratory Nitrogen Gas Generators are some of best designed PSA Nitrogen Gas Generators available. Utilizing the reliable and efficient PSA technique of separating Nitrogen and Oxygen is used to produce high quality Nitrogen Gas at various flows and purities (see performance data). The Generator is controlled using the latest in HMI touch screen technology to display the process in real time, inlet/outlet pressures and oxygen level (optional).

Specyfikacja

RANGE	REFERENCE	OUTLET FLOW RATE	PURITY	OUTLET PRESSURE
NG/ZNG SERIES: PSA technology	NG1	1 l/min	>99.9995%	5.5bar
	ZNG1*	1 l/min	>99.9995%, CH ₄ < 0.05ppm	5bar
	NG3	3l/min	>99.9995%	5.5bar
	ZNG3*	3l/min	>99.9995%, CH ₄ < 0.05ppm	5bar
	NG4 SC	3 l/min	>99.9%	5.5bar
		4 l/min	>99.5%	5.5bar
	NG4 DC	6 l/min	>99.5%	5.5bar
		4 l/min	>99.99%	5.5bar
	NG5	6 l/min	>99.9%	5.5bar
		8 l/min	>99.5%	5.5bar
		10 l/min	>99%	5.5bar
		12 l/min	>98%	5.5bar
		5 l/min	>99.999%	5.5bar
	NG6	8 l/min	>99.99%	5.5bar
		15 l/min	>99.9%	5.5bar
		30 l/min	>99.5%	5.5bar
		35 l/min	>99%	5.5bar
		40 l/min	>98%	5.5bar
	NG7	10 l/min	>99.99%	5.5bar
		15 l/min	>99.5%	5.5bar
		20 l/min	>99%	5.5bar
		25l/min	>98%	5.5bar

* ZNG – there is a catalyst inside to burn the CH₄ < 0,05 ppm in the N₂ gas