

NiGen UHP-0 / UHP-1

Laboratory Nitrogen Gas Generator



TECHNICAL FEATURES	NiGen UHP-O	NiGen UHP-1
FLOW RATE	3 SLPM	
TECHNOLOGIES EMPLOYED	PSA	
OUTPUT PRESSURE	0 to 7 barg / 0 to 100 psig	
PURITY	98% up to 99.999%	
OXYGEN AT MAX FLOW	< 10 ppm	
MOISTURE AT MAX FLOW	- 44°C dew-point STP, < 80 ppm	
AIR INPUT CHARACTERISTICS	Particulate $\leq 0.1 \text{ mg/m}^3$ ($\leq 0.01 \text{ }\mu\text{m}$) Oil vapors $\leq 0.01 \text{ mg / m}^3$ Moisture $\leq 3^\circ\text{C}$ dew point in pressure Min pressure 8.5 barg / 120 psi	
AIR COMPRESSOR	No	Yes
ELECTRICAL SUPPLY	115 VAC $\pm 10\%$, 60 Hz 230 VAC $\pm 10\%$, 50 Hz	
INDEX OF PROTECTION	IP20	
OPERATING TEMPERATURE	40°F to 100°F / 5°C to 40°C	
ENVIRONMENTAL MOISTURE	$\leq 80\%$, no condensation	
MAX ALTITUDE	2000 m or 6560 ft above sea level	
DIMENSIONS	51.1"(H) x 17.3" (W) x 43.3" (D) 130 cm (H) x 44 cm (W) x 110 cm (D)	
WEIGHT	420 lbs / 190 kg	485 lbs / 220 kg
APPLICATIONS	GC-ICP	
ADDITIONAL FEATURES	Maintenance diary Report alarms Equipped with wheels	
ACCESSORIES	Inlet air coalescing filter Pressure regulator kit UHP filtration kit Installation kit Automatic 2 sources switch kit 4 point pressure regulatory kit	



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