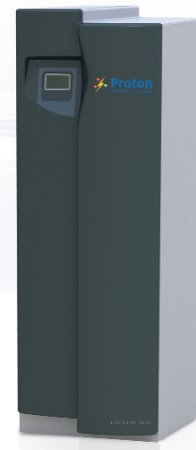


NiGen UHP-0 / UHP-1

Laboratory Nitrogen Gas Generator



The Leader in On-site Hydrogen Generation



TECHNICAL FEATURES	NiGen UHF-O	NiGen UHF-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 ≤ 0.01 microns Oil vapors ≤ 0.01 mg / m ³ Moisture ≤ 3°C dew point in pressure Min pressure 8.5 barg / 120 psig	
AIR COMPRESSOR	No	Yes
ELECTRICAL SUPPLY	115 VAC ± 10%, 60 Hz 230 VAC ± 10%, 50 Hz	
INDEX OF PROTECTION	IP20	
OPERATING TEMPERATURE	40°F to 100°F / 5°C to 40°C	
ENVIRONMENTAL MOISTURE	≤ 80%	
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	396 lbs / 180 kg (without comp.)	440 lbs / 200 kg (with comp.)
APPLICATIONS	GC-ICP	
ADDITIONAL FEATURES	Stackable CPU for control of up to 32 units CAN-BUS communication 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	