LaserGas generator

Self contained laser gas generator with integrated compressed air supply, nitrogen generation & compression with connection to high pressure storage enclosed in weatherproof container specifically **tuned for lasercutting** application.

Performance

Model	HANA N15	
Purity (class)	99.995 (4.5)	99.999 (5.0)
Daily capacity [kg/24h]	473	362
Flow [kg/h]	19.7	15.1
Flow [m3/h]	17.0	13.0
Operating costs [kwh/kg]	0.8	1.0

- Performance data is based on 20°C to 30°C ambient temperature
- Flow stated in cubic meter (m3) is with ref. conditions, temp.: 20°C, pressure: 1.013 barA

Technical data:

Ambient temperature range:	-20°C – 35°C
Nitrogen outlet pressure:	3 to 30barG
Nitrogen storage pressure:	300bar
Nitrogen dew point:	-70 °Ctd (+/-5°C)
Power supply:	400 V / 50 Hz / 3ph
Main fuse:	64A
Dimensions and weight:	293 x 220 x 226 cm, 3000kg

Features
- Integrated air supply, nitrogen generation & compression
- Control system based on SIEMENS with colored touch screen for outdoors
- Constant purity monitoring
- High purity control - off spec purge
- Molecular sieve protection from moisture
- Audio/visual alarm
- Nitrogen consumption monitoring with data-log
- Modbus TCP, Ethernet connection
- Remote connection via "Smart server"

Optional
- Remote monitoring over teleservice
- SMS alarm & control
- Broader operating temperature range
- Cylinder bundles
- Oil contamination indicator
- and other

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