

PLINIUS SERIES HIGH CAPACITY NITROGEN GENERATOR N30-1 UHP

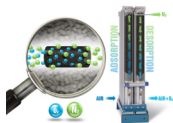


Silently powerful

**SUITABLE FOR: MULTIPLE GC INSTALLATION,
ALL ANALYZERS LOOKING FOR ULTRA HIGH PURITY NITROGEN**

PSA TECHNOLOGY

Able to ensure a significantly longer lifespan than the average, and nitrogen purity levels of up to 99.999% proportional to the flow delivered



SILENT

Special soundproofing and anti-vibration solutions, designed specifically for the laboratory



PLUG & PLAY

Complete solution equipped with all the necessary to supply UHP nitrogen. Built - in Oil Free Air Compressor, just plug-in to use nitrogen at GC purity level.



LOW MAINTENANCE COSTS

Less engine stress and longer compressor life thanks to low running temperature and air and nitrogen internal reservoirs



TECHNOLOGICAL

Claind process control system included, based on more than 40 years' experience.



REMOTE CONTROL

Remote connection to any device with the IoT Claind4You platform



TECHNICAL SHEET

NITROGEN FLOW RATE	Up to 3000 Nm ³ /min
NITROGEN OUTPUT PRESSURE	6 + 8 bar
NITROGEN OUTPUT PURITY	Up to 99,9995%
AIR COMPRESSOR	Built-in Oil free compressor
ELECTRICAL SUPPLY	230 Vac ± 10% 50 Hz 900 W
PROTECTION INDEX	IP20
NOISE	Minimum: 50 dBA Medium: 58 dBA
OPERATING TEMPERATURE	5°C - 35°C/40°F - 100°F
STORAGE TEMPERATURE	5°C - 50°C/40°F - 125°F
ENVIRONMENTAL HUMIDITY	max 90% without condensation
MAX ALTITUDE	Up to 2000 m from the sea level
DIMENSIONS	L x D x H cm 72,5 x 89 x 80,5 28,5" x 35" x 31,7"
WEIGHT	130 kg/287 lbs
THERMAL DISPERSION	1000 J/sec
PNEUMATIC CONNECTIONS	Nitrogen and air outlet G1/2" female Condensate drain plastic pipe Øe 6 mm
ELECTRICAL CONNECTION	1,6 mt power supply cable with Standard connections IEC320 C20
DATA CONNECTOR	Ethernet, MOD-BUS over TCP data communication protocol; RJ45 cable – WiFi
WARRANTY	2 years from Delivery

OPTIONALS

- ✓ NITROGEN DUAL PURITY
Nitrogen purification kit to achieve 99.9999% purity
- ✓ DUCTING FOR HEAT DISPOSAL
Kit for conveying hot air from the compressor
- ✓ SINGLE PRESSURE REGULATOR
Complete kit for external regulation of nitrogen pressure





1979

THE YEAR OUR
COMPANY WAS
FOUNDED



3.000

OUR CUSTOMERS
ACROSS THE
WORLD



24.000

OUR INSTALLATIONS
WORLDWIDE



32

COUNTRIES
SUPPORTED
WORLDWIDE

SERVICES

- WARRANTY EXTENSION
- DYNAMIC MAINTENANCE CONTRACTS
- DYNAMIC FULL-RISK CONTRACTS
- IQ/OQ CERTIFICATIONS
- CLAIND4YOU

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