

PLINIUS SERIES HIGH CAPACITY NITROGEN GENERATOR

N30-1
N45-1
N60-1



Silently powerful

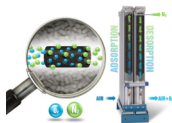
SUITABLE FOR: LCMS, ELSD
AND SAMPLE PREPARATION

 **Teknokroma**
Professionally Friendly

 **CLAIIND**
GAS GENERATORS AND PURIFIERS

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

OUTPUTS: NITROGEN & COMPRESSED AIR FLOW RATE	
PLINIUS N30-1	N2 : Up to 30 l/min AIR : up to 32 l/min
PLINIUS N45-1	N2 : Up to 45 l/min AIR : up to 40 l/min
PLINIUS N60-1	N2 : Up to 60 l/min AIR : up to 70 l/min
OUTPUTS: NITROGEN & COMPRESSED AIR PRESSURE	
6 + 8 bar	
OUTPUTS: NITROGEN & COMPRESSED AIR PURITY	
N2 : Up to 99,9% AIR : ISO 8573-1 Class 1.7.1	
AIR COMPRESSOR	
Built-in Oil free compressor	
ELECTRICAL SUPPLY	
PLINIUS N30-1	230 Vac \pm 10% 50 Hz 900 W
PLINIUS N45-1	230 Vac \pm 10% 50 Hz 1800 W
PLINIUS N60-1	230 Vac \pm 10% 50 Hz 1800 W
PROTECTION INDEX	
IP20	
NOISE	
PLINIUS N30-1	Minimum: 50 dBA Medium: 58 dBA
PLINIUS N45-1	Minimum: 50 dBA Medium: 60 dBA
PLINIUS N60-1	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	
PLINIUS N30-1	130 kg/287 lbs
PLINIUS N45-1	150 kg/330 lbs
PLINIUS N60-1	160 kg/352 lbs
THERMAL DISPERSION	
PLINIUS N30-1	1000 l/sec
PLINIUS N45-1	2000 l/sec
PLINIUS N60-1	2000 l/sec
PNEUMATIC CONNECTIONS	
Nitrogen and Air outlet G1/2" female Condensate drain plastic pipe Ø6 mm 1,6 m power supply cable with Standard connections IEC320 C20	
ELECTRICAL CONNECTION	
Ethernet , MOD - BUS over TCP data communication protocol; RJ45 cable - WiFi	
DATA CONNECTOR	
WARRANTY	
2 years from Delivery	

OPTIONALS



NITROGEN DUAL PURITY KIT
Code 433.30.Z220.00



SINGLE PRESSURE REGULATOR
Code 433.30.Z200.00



DOUBLE PRESSURE REGULATORS
Code 433.30.Z210.00





SERVICES

-  WARRANTY EXTENSION
-  DYNAMIC MAINTENANCE CONTRACTS
-  DYNAMIC FULL-RISK CONTRACTS
-  IQ/OQ CERTIFICATIONS
-  CLAIIND4YOU

			
1979	3.000	24.000	32
THE YEAR OUR COMPANY WAS FOUNDED	OUR CUSTOMERS ACROSS THE WORLD	OUR INSTALLATIONS WORLDWIDE	COUNTRIES SUPPORTED WORLDWIDE



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