

PLINIUS SERIES HIGH CAPACITY NITROGEN GENERATOR

N30-1
N45-1
N60-1

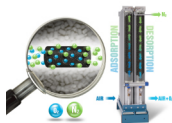


Silently powerful

SUITABLE FOR: LCMS, ELSD
AND SAMPLE PREPARATION

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	
PLUWIUS N30-I	Up to 30 Nl/min
PLUWIUS N45-I	Up to 45 Nl/min
PLUWIUS N60-I	Up to 60 Nl/min
NITROGEN OUTPUT PRESSURE	
Up to 99,9%	
NITROGEN OUTPUT PURITY	
Built-in Oil free compressor	
AIR COMPRESSOR	
ELECTRICAL SUPPLY	
PLUWIUS N30-I	230 Vac $\pm$ 10% 50 Hz 900 W
PLUWIUS N45-I	230 Vac $\pm$ 10% 50 Hz 1800 W
PLUWIUS N60-I	230 Vac $\pm$ 10% 50 Hz 1800 W
PROTECTION INDEX	
NOISE	
PLUWIUS N30-I	Minimum: 50 dBA Medium: 58 dBA
PLUWIUS N45-I	Minimum: 50 dBA Medium: 60 dBA
PLUWIUS N60-I	Minimum: 50 dBA Medium: 58 dBA
OPERATING TEMPERATURE	
STORAGE TEMPERATURE	
ENVIRONMENTAL HUMIDITY	
MAX ALTITUDE	
DIMENSIONS	
WEIGHT	
PLUWIUS N30-I	130 kg/287 lbs
PLUWIUS N45-I	150 kg/330 lbs
PLUWIUS N60-I	160 kg/352 lbs
THERMAL DISPERSION	
PLUWIUS N30-I	1000 l/sec
PLUWIUS N45-I	2000 l/sec
PLUWIUS N60-I	2000 l/sec
PNEUMATIC CONNECTIONS	
ELECTRICAL CONNECTION	
DATA CONNECTOR	
WARRANTY	

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
- CLAIIND4YOU

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