

NITRO



“Sober hi-tech
for your UHP N₂”

Nitrogen Generator



MODEL

Nitro 35

Nitro 70

FEATURES

- Nitrogen generation through **PSA CLAIND technology, at the highest purity** requested from LC/MS analyzers or Sample Preparation
- The generator operates automatically 24 hours a day, 365 days a year
- **24 liters internal tank which allows the extension of stand-by periods**
- **FAST PURITY Patent Technology** to supply **High purity grade taylored for LCMS:**
O₂ up to 0,1% H₂O up to – 55°C Dew Point and HC Vapours < 0,01 ppm
- **Easy to use keypad, which allows the monitoring of the operational** status, the consumables estimated life and the maintenance requirement
- **Small unit** equipped with full turn wheels for easy moving

APPLICATIONS

- LC/MS
- Sample preparation
- Incubators
- Light Scattering Detectors
- FTIR



TECHNICAL SPECIFICATIONS

FLOW RATE	up to 35 NI/min from the Model 35 up to 70 NI/min from the Model 70
TECHNOLOGIES EMPLOY	PSA
OUTPUT PRESSURE	0 - 8,5 bar/0 – 123,25 psi
PURITY	up to 99,99%
MOISTURE	<-50°C dew point ATP
AIR INPUT CHARACTERISTICS	particulate ≤ 0,01 µm - Oil vapors ≤ 0,01 mg/m ³ moisture ≤ 3° C dew point in pressure pressure: 6 ÷ 10 bar/87 ÷ 140 psi medium flow rate: Model 70 up to 170 NI/min at 8,5 bar Model 35 up to 90 NI/min at 8,5 bar
ELECTRICAL SUPPLY	115 Vac ±10% 60 Hz 30 W 230 Vac ±10% 50 Hz 30 W
INDEX OF PROTECTION	IP20
OPERATING TEMPERATURE	+ 5°C ÷ + 40°C
ENVIRONMENTAL HUMIDITY	5 ÷ 80%
MAX ALTITUDE	2000 m asl
DIMENSIONS	Height: 92 cm/36” Width: 26,5 cm/10” Depth: 75 cm/29”
WEIGHT	90 kg/198 lbs Model 70 75 kg/154 lbs Model 35
WARRANTY	1 year

CERTIFICATIONS





CLAIND

GAS GENERATORS AND PURIFIERS

Via Regina 24
22016 Tremezzina
Loc. Lenno (CO)
Italy

Ph. +39 0344 56603
Fax +39 0344 56627
Email: info@claind.it
Website: www.claind.it