

# Nitro



“Sober Hi-Tech  
for your UHP N<sub>2</sub>”

**Nitrogen Generator**

CLAIND



## MODEL

Nitro 35

Nitro 70

## FEATURES

- Nitrogen generation through **PSA CLAIND technology, at the highest purity** requested from LC/MS analyzers or Sample Preparation
- **Just required the Inlet Air supply and mains electricity** for automatic, unattended operation. Pressing a button is the only operation to start up the generator, which operates automatically 24 hours a day, 365 days a year
- **24 liters internal tank which allows to extend stand-by periods**
- **FAST PURITY Patent Technology** to supply **High purity grade tailored for LCMS: O<sub>2</sub> up to 0,1% H<sub>2</sub>O up to – 55°C Dew Point and HC Vapours < 0,01 ppm**
- **Keypad easy to use, which allows the monitoring of operational status, longlife of the consumables and alerts for maintenance**
- **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 - 6,5 bar/0 – 94 psi
PURITY	up to 99,9%
MOISTURE	<-50°C dew point ATP
AIR INPUT CHARACTERISTICS	particulate ≤ 0,01 µm - Oil vapors ≤ 0,01 mg/m3 moisture ≤ 3° C dew point in pressure min pressure : 8.5 bar/120 psi medium flow rate : Model 70 up to 170 NI/min Model 35 up to 90 NI/min
ELECTRICAL SUPPLY	115 Vac ±10% 60 Hz 30 W Model 35 230 Vac ±10% 50 Hz 30 W Model 70
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 35 70 kg/154 lbs Model 70

## CERTIFICATIONS





C L A I N D

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