## NG RACK 4U C

Ultra High purity Nitrogen generator RACK 19" casing with integrated compressor

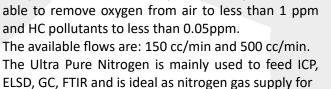


#### **Main applications**

- ICP / ELSD
- GC / FTIR
- Incubators

#### Main advantages

- Easy use and installation
- ✓ Purities up to 99.9999%
- ✓ Pressure up to 5.5 bar
- ✔ Flow rate up to 500 cc/min
- ✓ No maintenance
- Reduced foot print
- ✓ HC content < 0.05ppm with catalyst oven option



The High purity NitroGen series NG RACK 4U C produce laboratory high grade nitrogen for most of

Designed with safety and convenience in mind, this

system generates purified nitrogen, eliminating the

need for inconvenient cumbersome high-pressure

The NG RACK 4U C doesn't need an external source

of air because it is equipped with an internal oil-free

compressor and with the optional catalyst oven it is

the laboratory applications and equipments.

gas cylinders.

ELSD, GC, FTIR and is ideal as nitrogen gas supply for all kind of Laboratory and Chromatography applications.

# LNT N2



### **Specifications**



| Models: NG RACK 4U                          | 150 C  | 500 C            |  |
|---|--|------------------|--|
| N2 outlet                                   |  |                  |  |
| Flow rate (Max)                             | 150 cc/min                                     | 500 cc/min       |  |
| Outlet pressure (min)                       | 1 bar (14.5 psi)                               |                  |  |
| Outlet pressure (Max)                       | 5.5 bar (79.8 psi)                             | 4 bar (58 psi)   |  |
| Nitrogen purity *1                          | >99.9999%                                      | >99.999%         |  |
| Outlet dew-point *2                         | <-50°C (-76°F)<br><-70°C (-94°F) <sup>*3</sup> |                  |  |
| Hydrocarbon content *4                      | < 0.05 ppm                                     |                  |  |
| Communication                               |  |                  |  |
| LED interface                               | Standard                                       |                  |  |
| RS232                                       | Standard                                       |                  |  |
| RS485                                       | Standard                                       |                  |  |
| General data                                |  |                  |  |
| Supply rating (min-Max)                     | 100-240Vac (±10%) 50/60 Hz                     |                  |  |
| Connection type                             | IEC320-C14                                     |                  |  |
| Nominal power (Max)                         | 200W (320 W)                                   |                  |  |
| Fuse rating (5x20mm)                        | 4A (250Vac – T)                                |                  |  |
| Net weight                                  | 27 kg  |                  |  |
| Dimensions                                  | Standard 19" Rack 4U – deep 54 cm              |                  |  |
| Noise                                       | < 55dB(A)                                      |                  |  |
| Connections                                 |  |                  |  |
| Outlet port                                 | 1/8" female BSPP                               |                  |  |
| Operating conditions                        |  |                  |  |
| Temperature                                 | 5-35°C (4                                      | 5-35°C (41-95°F) |  |
| Humidity (max, non condensing)              | 80% [5-35°C (41-95°F)]                         |                  |  |
| IP rating                                   | IP   | IP20             |  |
| Pollution degree rating                     | 2 (with no aromatic compounds)                 |                  |  |
| Altitude                                    | < 20   | < 2000m          |  |
| *1 The purity refers to the residual oxygen |  |                  |  |

\*1 The purity refers to the residual oxygen\*2 Atmospheric Dew-point (ADP)

\*3 With optional Desiccant column

\*4 With optional Catalyst oven

Ordering codes Gas Generators 6920.30.150 6920.30.500 Options 6920.31.011 6920.31.012 Consumable 6930.00.162 6930.00.163

NG RACK 4U 150 C NG RACK 4U 500 C

Catalyst oven for NG RACK 4U C Desiccant column for NG RACK 4U C

Filter elements for NG RACK 4U C Filter elements and components for NG RACK 4U C with Desiccant column



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