

NITROGEN N-1050 FILLING

Product group: **717** Product number: **905602**

Nitrogen 5.0 grade is predominantly used for calibration purposes.

Product information

This product supersedes product no: **589069**

For the purity 5.0 (>99.999%) the specification is: Oxygen < 5 vpm and Moisture (H₂O) < 5 vpm

For nitrogen the following is valid:

1 nm³ = 1.147 kg
1 kg = 0.872 nm³
1 bar = 14.5 psi
1 nm³ = 35.3 ft³
1 kg = 2.2 lbs



Features

- Nitrogen is colourless, odourless and tasteless
- Non-combustible and non-toxic
- Slightly lighter than air and it's an inert gas
- The composition is: Nitrogen 5.0: >99.999%
- A certificate of analysis is supplied with the cylinder.
- Nitrogen 5.0 means > 99.999% pure and the impurities: Water (H₂O) < 5 ppm and Oxygen (O₂) < 5 ppm.

Benefits

- Perfectly suited for inerting / blanketing or calibration / bump-testing of gas detection equipment.
- Quality assured with a certificate of analysis linked to the cylinder serial number.
- Small portable cylinder, easy for on-location use.
- For your safety, the product is delivered in a Unitor exchange cylinder complete with barcode and unique cylinder serial number
- We trace and track all cylinders using our system to give you peace of mind
- We offer global availability through our Global Exchange Programme.

Specification

General

Cylinder Type	N-10
Invent Hazard Material (IMO/EU) classification	NA

Dimensions/Weight

Diameter [mm]	140
Gross Weight [kg]	20
Height [mm]	1000
Weight [kg]	2.3 Net

Performance data

Gas Capacity [m ³]	2
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Documents

[Nitrogen](#)

[SDoC and MD for IHM](#)

Related products

Accessories

510003 REGULATOR 510 N2 PRESSURE 0 -1 BAR
510002 REGULATOR 510 N2 PRESSURE 0-10 BAR
550160 WASHER ALU 10 PCS FOR OX REGULATOR
771713 REGULATOR 600 NITROGEN 0-200 BAR

510011 REGULATOR 510 N2 FLOW 0-1.3 L/MIN

Is frequently bought together with

905034 OXYGEN O-40 FILLING
571364 VAPTREAT 25LTR
905026 ACETYLENE A-40 FILLING
905606 UNICOOL R-404A 45 KG REFRIGERANT

571356 ROCOR NB LIQUID 25 LTR

Physical properties

Colour	Green with orange shoulder
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Technical data

Connection [inch]	W24.32mm x 1/14" RH Ext side
Filling pressure [bar]	200
Purity	5.0 > 99.999%
Volume (l)	10

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