

NEW!



NITROGEN-GENERATOR IMT-PN OnGo

> ONGO – THE FIRST STEPS TO YOUR OWN N₂ SUPPLY

INMATEC OnGo nitrogen technology produces a purity of up to 4.0/100 ppm (residual oxygen) and quantities of 0.9 – 105 Nm³/h.

PERMANENT N₂ SUPPLY

PROCESS:

The INMATEC pressure swing adsorption process separates the nitrogen molecules from the oxygen molecules. The high-purity nitrogen can now be used in a wide range of applications.

BENEFITS:

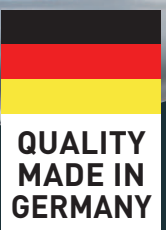
- plug and play – simple and constant nitrogen supply
- constant measurement of nitrogen purity
- savings from the very first minute
- low-maintenance, compact design

> ONSITE IS OUR WORLD



Option:

Inlet and outlet filtration





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Calculation of the compressed air requirements

Multiplying the nitrogen capacity by the air factor indicated below gives the compressed air requirements.

Nitrogen content (%)	95,00	97,00	98,00	99,00	99,50	99,90	99,99
Air factor	1,9	2,1	2,3	2,5	2,9	3,9	5,5

Compressed air specification

Temperature range: +5 to +50°C
Air quality: ISO 8573.1, Class 1: dirt and oil, Class 4: water
Pressure dew point: +3°C

Ambient conditions

Temperature range: +5°C to +40°C

Technical dimensions and connections

Dimensions H x W x D (mm): 810 x 690 x 1660 (PN-1150 and PN-1450)
960 x 690 x 2450 (PN-1550 and PN-1750)

Operating pressure: 11 bar
Electrical connection: 110-230 V/60-50 Hz (shock-proof plug)
Noise level: from 55 to max. 78 dB(A)

Certified in accordance with ISO 9001:2008 and in accordance with Pressure Equipment Directive 93/27/EC



ISO 9001:2008

Capacity (Nm³/h)

Nitrogen content (%)	95,0	97,0	98,0	99,0	99,5	99,9	99,99
Quality				2,0	2,5	3,0	4,0
Residual O ₂ (PPM)				10.000	5.000	1.000	100

IMT-PN 1150	5,70	4,70	4,10	3,20	2,60	1,60	0,90
IMT-PN 1250	10,80	8,70	7,90	5,80	5,10	3,20	1,30
IMT-PN 1280	16,50	13,40	12,00	9,00	7,70	4,80	2,40
IMT-PN 1350	20,80	17,10	15,80	12,60	9,50	6,30	3,20
IMT-PN 1450	31,20	25,60	23,70	18,90	14,20	9,50	4,80
IMT-PN 1550	49,20	40,10	35,60	28,40	22,10	12,60	6,30
IMT-PN 1650	84,00	59,90	53,80	46,60	37,80	23,20	11,70
IMT-PN 1750	105,00	84,00	76,00	64,00	51,80	32,60	16,50