

# ONSITE IS OUR WORLD



Generator	PN 1450 OnGo
Item No.	1009700404
Dimensions	745x810x1745 LxWxH (mm)
Design pressure	11 bar
Operating pressure	7 bar
Net weight	310 kg
Noise level	55 max 85 dB (A)
Ambient temperature	+5 to +40 °C
Electrical connection	230V 50Hz 110V 60 Hz
Power consumption	150 W
Protection class	54 IP
Inlet Filtration **	0,01 micron
Inlet Filtration ** (Active carbon filter)	0,003 micron
Outlet Filtration **	3 to 5 micron
Temperature *	20 °C
Above Sea Level *	0 m
Pressure *	1,0133 bar
Humidity *	70 %



\* Consult Inmatec for performance under other specific conditions    \*\* Option OnGo

Nitrogen Purity	95 %	97 %	98 %	99 %	99,5 %	99,9 %	99,99 %	99,995 %	99,999 %
Capacity Nm <sup>3</sup> /h	31,20	25,60	23,70	18,90	14,20	9,50	4,80	3,60	2,40
Compressed air factor	1,90	2,10	2,30	2,60	2,90	3,90	5,50	7,00	10,00
Compressed air Nm <sup>3</sup> /h	59,28	53,76	54,51	49,14	41,18	37,05	26,40	25,20	24,00
Compressed air m <sup>3</sup> /h *	64,66	58,64	59,46	53,60	44,92	40,41	28,80	27,49	26,18
Product vessel (l)	270	270	270	270	270	150	150	150	150
Compressed air vessel (l)	270	270	270	270	270	270	270	270	270
Compressed air inlet	½"	½"	½"	½"	½"	½"	½"	½"	½"
Connection N <sub>2</sub> output	½"	½"	½"	½"	½"	½"	½"	½"	½"
Connection Silencer	DN 63	DN 63	DN 63	DN 63	DN 63	DN 63	DN 63	DN 63	DN 63

PSA Nitrogen Generators separate oxygen from pressurised air. The composition of the product is determined by measuring the residual oxygen content.

The nitrogen content is calculated by subtracting the residual oxygen content from 100 %.

Air is composed of nitrogen (78.1%), oxygen (20.9 %), Argon (0.9 %), CO<sub>2</sub> (0.03 %), and some trace inert gases.

Compressed air specification

Dew point +3 °C, Air quality: according to ISO 8573.1, class 1 solid particulates and oil class 4 humidity, free of all contamination (free of ozone)

Touch Control Panel	
Standard	Option
Oxygen Analyser	Inlet pressure
Outlet Pressure	Inlet temperature
Alarm	Dew point
English/German	Flow

