

ONSITE IS OUR WORLD



Generator	PN 1450 OnTouch
Item No.	1009700355
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

Nitrogen Purity	95 %	97 %	98 %	99 %	99,5 %	99,9 %	99,99 %	99,995 %	99,999 %
Capacity Nm ³ /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 ³ /h	59,28	53,76	54,51	49,14	41,18	37,05	26,40	25,20	24,00
Compressed air m ³ /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 ₂ 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 %), CO₂ (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	Option
Oxygen Analyser	Inlet Pressure	Dew Point Outlet
Outlet Pressure	Inlet Temperature	Dew Point Inlet
Alarm Handling	Flow	Automatic Pure Technology
Trend Display	Basic Load Change	Auto Restart
Data Storage / Export	Analog Outputs	
Multilingual	Profinet	
Purity Selection	Modbus	
Operating Hours	Remote Control	
Timer	Alarm via E-Mail	

