Generator Model NİTROMAK	Product Code NM-150
Desing pressure	11 bar
Operating pressure	7 bar
Net weight	320 kg
Noise level	55 max 85 dB (A)
Ambient temperature	+5 to +40 °C
Electrical connection	220V 50-60 Hz 220V 50Hz
Power consumption	150 W
Safety class	54 IP
Temperature	20 °C
Above Sea Level	0 m
Pressure	1. 0133 bar
Humidity	70 %
Inlet Filtration	0.01 micron
Inlet Filtration * (ACfilter)	0.003 micron
Outlet Filtration	3 bis 5 micron
Dimension	745x810x1840 LxWxH (mm)

Nitrogen Purity	97%	98%	99%	99.5%	99.9%	99.99%	99.995
Capacity (Nm3/h)	37,3	33,6	27,3	20,8	11,6	6,1	4,5
Compressed air factor	2,3	2,3	2,6	2,9	3,8	5,3	6,8
Compressed air (Nm3/h)	85,8	77,3	71	60,3	44,1	32,3	30,6
Compressed air (m3/h)	92,1	82,9	76,2	64,7	47,7	34,7	32,8
Product vessel (l)	150	150	150	150	150	150	150
Compressed air vessel (l)	250	250	250	250	250	250	250
Compressed air inlet	¾"	¾"	¾"	¾"	¾"	¾"	¾"
Connection N2 output	½"	½"	½"	½"	½"	½"	½"

Generator Specification

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_2 (0.03 %), and some 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
4'' Colorless	7" Color Touch Monitor
Inlet Filters 0.01 micron	Inlet temperature
Outlet filter 5-3 micron	Inlet dew point
4 different languages	Outlet dew point
Operational status	Flow meter
Outlet flow regulator	Outlet pressure
Inlet-Outlet pressure regulator	Oxygen analyzer

Material

Outside protection,Piping,Valves,powder paint coated

stainless steel or galvanized steel,stainless steel AISI 316 LPA actuator