Onsite is our World

Technical Data & Connections *IMT-PN 1150 OnGo*

Dimensions LxWxH (mm)	810 x 670 x 1645
Operating pressure	11 bar
Net weight (kg)	135
Compressed air connection	G 1/2"
N_2 output	G 1/2"
Silencer output	DN 63 mm
Noise level	55 – max. 78 dB(A)
Ambient temperature	+5° C to +40° C
Electrical connection	230V / 50 Hz (110V / 60 Hz)
Power consumption	150 Watt
Safety class	IP 54

Filtration

Inlet Micro filter	0,01 micron
Inlet Active carbon filter	0,003 micron
Outlet Fine filter (Product Vessel))	3 to 5 micron

Inert purity	95%	97%	98%	99%	99,5%	99,9%	99,99%	99,995%	99,999%
Capacity N_2 Nm³/h	5,7	4,7	4,1	3,2	2,6	1,6	0,9	0,7	0,4
Comp. air Nm³/h	10,8	9,9	9,4	8,0	7,5	6,2	5,0	4,6	3,2

** above values apply at 7 bar inlet pressure and 20 ° C air temperature and ambient temperature*

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. Remember that the value that is normally called the nitrogen content actually is the inert gas content.

Compressed Air Specification

Max. pressure	11 bar
Temperature range	+5° C to +50 °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*
Purity	Inlet pressure
Outlet pressure	Inlet temperature
English/German	Dew point
	Flow
	Temperature

Comp. air vessel	97% – 99%	99,5% – 99,999%
Volume l	150	150

Product Vessel	95% – 98%	99%	99,5%	99,9%	99,99% – 99,999%
Volume l	150	150	150	90	90

Temperature in °C	10	15	20	25	30	35	40	45	50
Correction factor	1,00	1.00	1,00	1,00	0,92	0,81	0,72	0,61	0,48
Inlet pressure in bar	6	6,5	7	7,5	8	8,5	9	9,5	10
Correction factor	0,90	0,95	1,00	1,03	1,06	1,10	1,15	1,21	1,22

INMATEC GaseTechnologie GmbH & Co. KG, Gewerbestr. 72, 82211 Herrsching a. A.
Fon: +49-8152-90970, Fax: +49-8152-909710, E-Mail: info@inmatec.de, www.inmatec.com
V02/2017

Onsite is our World

Technical Data & Connections *IMT-PN 1250 OnGo*

Dimensions LxWxH (mm)	810 x 670 x 1645
Operating pressure	11 bar
Net weight (kg)	150
Compressed air connection	G 1/2"
N_2 output	G 1/2"
Silencer output	DN 63 mm
Noise level	55 – max. 78 dB(A)
Ambient temperature	+5° C to +40° C
Electrical connection	230V / 50 Hz (110V / 60 Hz)
Power consumption	150 Watt
Safety class	IP 54

Filtration

Inlet Micro filter	0,01 micron
Inlet Active carbon filter	0,003 micron
Outlet Fine filter (Product Vessel))	3 to 5 micron

Inert purity	95%	97%	98%	99%	99,5%	99,9%	99,99%	99,995%	99,999%
Capacity N_2 Nm³/h	10,8	8,7	7,9	5,8	5,1	3,2	1,3	1,1	0,9
Comp. air Nm³/h	20,5	18,3	18,2	14,5	14,8	12,5	7,2	7,5	6,8

** above values apply at 7 bar inlet pressure and 20 ° C air temperature and ambient temperature*

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. Remember that the value that is normally called the nitrogen content actually is the inert gas content.

Compressed Air Specification

Max. pressure	11 bar
Temperature range	+5° C to +50 °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*
Purity	Inlet pressure
Outlet pressure	Inlet temperature
English/German	Dew point
	Flow
	Temperature

Comp. air vessel	97% – 99%	99,5% – 99,999%
Volume l	150	150

Product Vessel	95% – 98%	99%	99,5%	99,9%	99,99% – 99,999%
Volume l	150	150	150	90	90

Temperature in °C	10	15	20	25	30	35	40	45	50
Correction factor	1,00	1.00	1,00	1,00	0,92	0,81	0,72	0,61	0,48
Inlet pressure in bar	6	6,5	7	7,5	8	8,5	9	9,5	10
Correction factor	0,90	0,95	1,00	1,03	1,06	1,10	1,15	1,21	1,22

INMATEC GaseTechnologie GmbH & Co. KG, Gewerbestr. 72, 82211 Herrsching a. A.
Fon: +49-8152-90970, Fax: +49-8152-909710, E-Mail: info@inmatec.de, www.inmatec.com
V02/2017

Onsite is our World

Technical Data & Connections

IMT-PN 1280 OnGo

Dimensions LxWxH (mm)	810 x 690 x 1160
Operating pressure	11 bar
Net weight (kg)	180
Compressed air connection	G 1/2"
N_2 output	G 1/2"
Silencer output	DN 63 mm
Noise level	55 – max. 78 dB(A)
Ambient temperature	+5° C to +40° C
Electrical connection	230V / 50 Hz (110V / 60 Hz)
Power consumption	150 Watt
Safety class	IP 54

Optional filtration

Inlet Micro filter	0,01 micron
Inlet Active carbon filter	0,003 micron
Outlet Fine filter (Product Vessel))	3 to 5 micron

Inert purity	95%	97%	98%	99%	99,5%	99,9%	99,99%	99,995%	99,999%
Capacity N_2 Nm³/h	16,5	13,4	12,0	9,0	22,3	18,7	2,4	1,8	1,3
Comp. air Nm³/h	31,3	28,1	12,0	22,5	22,3	18,7	13,2	12,6	10,4

** above values apply at 7 bar inlet pressure and 20 ° C air temperature and ambient temperature*

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. Remember that the value that is normally called the nitrogen content actually is the inert gas content.

Compressed Air Specification

Max. pressure	11 bar
Temperature range	+5° C to +50 °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
Purity	Inlet pressure
Outlet pressure	Inlet temperature
English/German	Dew point
	Flow
	Temperature

Comp. air vessel	97% – 99%	99,5% – 99,999%
Volume l	150	150

Product Vessel	95% – 98%	99%	99,5%	99,9%	99,99% – 99,999%
Volume l	150	150	150	90	90

Temperature in °C	10	15	20	25	30	35	40	45	50
Correction factor	1,00	1.00	1,00	1,00	0,92	0,81	0,72	0,61	0,48
Inlet pressure in bar	6	6,5	7	7,5	8	8,5	9	9,5	10
Correction factor	0,90	0,95	1,00	1,03	1,06	1,10	1,15	1,21	1,22

INMATEC GaseTechnologie GmbH & Co. KG, Gewerbestr. 72, 82211 Herrsching a. A.
Fon: +49-8152-90970, Fax: +49-8152-909710, E-Mail: info@inmatec.de, www.inmatec.com
V02/2017

Onsite is our World

Technical Data & Connections *IMT-PN 1350 OnGo*

Dimensions LxWxH (mm)	810 x 680 x 1645
Operating pressure	11 bar
Net weight (kg)	280
Compressed air connection	G 1/2"
N_2 output	G 1/2"
Silencer output	DN 63 mm
Noise level	55 – max. 78 dB(A)
Ambient temperature	+5° C to +40° C
Electrical connection	230V / 50 Hz (110V / 60 Hz)
Power consumption	150 Watt
Safety class	IP 54

Optional filtration

Inlet Micro filter	0,01 micron
Inlet Active carbon filter	0,003 micron
Outlet Fine filter (Product Vessel))	3 to 5 micron

Inert purity	95%	97%	98%	99%	99,5%	99,9%	99,99%	99,995%	99,999%
Capacity N_2 Nm³/h	20,8	17,1	15,8	12,6	9,5	6,3	3,2	2,5	1,8
Comp. air Nm³/h	39,5	35,9	36,3	31,5	27,6	24,6	17,6	17,5	14,4

** above values apply at 7 bar inlet pressure and 20 ° C air temperature and ambient temperature*

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. Remember that the value that is normally called the nitrogen content actually is the inert gas content.

Compressed Air Specification

Max. pressure	11 bar
Temperature range	+5° C to +50 °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*
Purity	Inlet pressure
Outlet pressure	Inlet temperature
English/German	Dew point
	Flow
	Temperature

Comp. air vessel	97% – 99%	99,5% – 99,999%
Volume l	270	270

Product Vessel	95% – 98%	99%	99,5%	99,9%	99,99% – 99,999%
Volume l	270	150	150	90	90

Temperature in °C	10	15	20	25	30	35	40	45	50
Correction factor	1,00	1.00	1,00	1,00	0,92	0,81	0,72	0,61	0,48
Inlet pressure in bar	6	6,5	7	7,5	8	8,5	9	9,5	10
Correction factor	0,90	0,95	1,00	1,03	1,06	1,10	1,15	1,21	1,22

INMATEC GaseTechnologie GmbH & Co. KG, Gewerbestr. 72, 82211 Herrsching a. A.
Fon: +49-8152-90970, Fax: +49-8152-909710, E-Mail: info@inmatec.de, www.inmatec.com
V02/2017

Onsite is our World

Technical Data & Connections — *IMT-PN 1450 OnGo*

Dimensions LxWxH (mm)	880 x 680 x 1690
Operating pressure	11 bar
Net weight (kg)	310
Compressed air connection	G 1/2"
N_2 output	G 1/2"
Silencer output	DN 63 mm
Noise level	55 – max. 78 dB(A)
Ambient temperature	+5° C to +40° C
Electrical connection	230V / 50 Hz (110V / 60 Hz)
Power consumption	150 Watt
Safety class	IP 54

Optional filtration

Inlet Micro filter	0,01 micron
Inlet Active carbon filter	0,003 micron
Outlet Fine filter (Product Vessel))	3 to 5 micron

Inert purity	95%	97%	98%	99%	99,5%	99,9%	99,99%	99,995%	99,999%
Capacity N_2 Nm³/h	31,2	25,6	23,7	18,9	14,2	9,5	4,8	3,6	2,4
Comp. air Nm³/h	59,3	54,5	53,8	47,3	41,2	37,1	26,4	25,2	19,2

** above values apply at 7 bar inlet pressure and 20 ° C air temperature and ambient temperature*

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. Remember that the value that is normally called the nitrogen content actually is the inert gas content.

Compressed Air Specification

Max. pressure	11 bar
Temperature range	+5° C to +50 °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*
Purity	Inlet pressure
Outlet pressure	Inlet temperature
English/German	Dew point
	Flow
	Temperature

Comp. air vessel	97% – 99%	99,5% – 99,999%
Volume l	270	270

Product Vessel	95% – 98%	99%	99,5%	99,9%	99,99% – 99,999%
Volume l	270	270	270	150	150

Temperature in °C	10	15	20	25	30	35	40	45	50
Correction factor	1,00	1.00	1,00	1,00	0,92	0,81	0,72	0,61	0,48
Inlet pressure in bar	6	6,5	7	7,5	8	8,5	9	9,5	10
Correction factor	0,90	0,95	1,00	1,03	1,06	1,10	1,15	1,21	1,22

INMATEC GaseTechnologie GmbH & Co. KG, Gewerbestr. 72, 82211 Herrsching a. A.
Fon: +49-8152-90970, Fax: +49-8152-909710, E-Mail: info@inmatec.de, www.inmatec.com
V02/2017

Onsite is our World

Technical Data & Connections

IMT-PN 1650 OnGo

Dimensions LxWxH (mm)	1100 x 785 x 1855
Operating pressure	11 bar
Net weight (kg)	530
Compressed air connection	G 1"
N_2 output	G 1/2"
Silencer output	DN 125 mm
Noise level	55 – max. 78 dB(A)
Ambient temperature	+5° C to +40° C
Electrical connection	230V / 50 Hz (110V / 60 Hz)
Power consumption	150 Watt
Safety class	IP 54

Optional filtration

Inlet Micro filter	0,01 micron
Inlet Active carbon filter	0,003 micron
Outlet Fine filter (Product Vessel))	3 to 5 micron

Inert purity	95%	97%	98%	99%	99,5%	99,9%	99,99%	99,995%	99,999%
Capacity N_2 Nm³/h	84,0	59,9	53,8	46,6	37,8	23,2	11,7	8,8	5,8
Comp. air Nm³/h	159,6	125,8	123,7	116,5	109,6	90,5	64,4	61,3	46,4

** above values apply at 7 bar inlet pressure and 20 ° C air temperature and ambient temperature*

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. Remember that the value that is normally called the nitrogen content actually is the inert gas content.

Compressed Air Specification

Max. pressure	11 bar
Temperature range	+5° C to +50 °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
Purity	Inlet pressure
Outlet pressure	Inlet temperature
English/German	Dew point
	Flow
	Temperature

Comp. air vessel	97% – 99%	99,5% – 99,999%
Volume l	1000	1000

Product Vessel	95% – 98%	99%	99,5%	99,9%	99,99% – 99,999%
Volume l	1000	500	500	270	270

Temperature in °C	10	15	20	25	30	35	40	45	50
Correction factor	1,00	1.00	1,00	1,00	0,92	0,81	0,72	0,61	0,48
Inlet pressure in bar	6	6,5	7	7,5	8	8,5	9	9,5	10
Correction factor	0,90	0,95	1,00	1,03	1,06	1,10	1,15	1,21	1,22

INMATEC GaseTechnologie GmbH & Co. KG, Gewerbestr. 72, 82211 Herrsching a. A.
Fon: +49-8152-90970, Fax: +49-8152-909710, E-Mail: info@inmatec.de, www.inmatec.com
V02/2017

Onsite is our World

Technical Data & Connections — *IMT-PN 1750 OnGo*

Dimensions LxWxH (mm)	1100 x 790 x 2025
Operating pressure	11 bar
Net weight (kg)	830
Compressed air connection	G 1"
N_2 output	G 1/2"
Silencer output	DN 125 mm
Noise level	55 – max. 78 dB(A)
Ambient temperature	+5° C to +40° C
Electrical connection	230V / 50 Hz (110V / 60 Hz)
Power consumption	150 Watt
Safety class	IP 54

Optional filtration

Inlet Micro filter	0,01 micron
Inlet Active carbon filter	0,003 micron
Outlet Fine filter (Product Vessel))	3 to 5 micron

Inert purity	95%	97%	98%	99%	99,5%	99,9%	99,99%	99,995%	99,999%
Capacity N_2 Nm³/h	105,0	84,0	76,0	64,0	146,2	118,2	16,5	11,9	7,3
Comp. air Nm³/h	223,1	198,5	174,8	157,5	146,2	118,2	90,2	83,0	58,4

** above values apply at 7 bar inlet pressure and 20 ° C air temperature and ambient temperature*

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. Remember that the value that is normally called the nitrogen content actually is the inert gas content.

Compressed Air Specification

Max. pressure	11 bar
Temperature range	+5° C to +50 °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*
Purity	Inlet pressure
Outlet pressure	Inlet temperature
English/German	Dew point
	Flow
	Temperature

Comp. air vessel	97% – 99%	99,5% – 99,999%
Volume l	1000	1000

Product Vessel	95% – 98%	99%	99,5%	99,9%	99,99% – 99,999%
Volume l	1000	1000	500	500	270

Temperature in °C	10	15	20	25	30	35	40	45	50
Correction factor	1,00	1.00	1,00	1,00	0,92	0,81	0,72	0,61	0,48
Inlet pressure in bar	6	6,5	7	7,5	8	8,5	9	9,5	10
Correction factor	0,90	0,95	1,00	1,03	1,06	1,10	1,15	1,21	1,22

INMATEC GaseTechnologie GmbH & Co. KG, Gewerbestr. 72, 82211 Herrsching a. A.
Fon: +49-8152-90970, Fax: +49-8152-909710, E-Mail: info@inmatec.de, www.inmatec.com
V02/2017

Onsite is our World

Technical Data & Connections — IMT-PN 2000 OnGo

Dimensions LxWxH (mm)	1610 x 840 x 2200
Operating pressure	11 bar
Net weight (kg)	880
Compressed air connection	G 1 1/2"
N_2 output	G 3/4"
Silencer output	DN 125 mm
Noise level	55 – max. 85 dB(A)
Ambient temperature	+5° C to +40° C
Electrical connection	230V / 50 Hz (110V / 60 Hz)
Power consumption	150 Watt
Safety class	IP 54

Optional filtration

Inlet Micro filter	0,01 micron
Inlet Active carbon filter	0,003 micron
Outlet Fine filter (Product Vessel))	3 to 5 micron

Inert purity	95%	97%	98%	99%	99,5%	99,9%	99,99%	99,995%	99,999%
Capacity N_2 Nm³/h	140,7	116,5	98,3	77,5	63,0	38,8	19,4	14,6	9,7
Comp. air Nm³/h	267,3	244,7	226,1	193,8	182,7	151,3	106,7	101,9	77,6

** above values apply at 7 bar inlet pressure and 20 ° C air temperature and ambient temperature*

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. Remember that the value that is normally called the nitrogen content actually is the inert gas content.

Compressed Air Specification

Max. pressure	11 bar
Temperature range	+5° C to +50 °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*
Purity	Inlet pressure
Outlet pressure	Inlet temperature
English/German	Dew point
	Flow
	Temperature

Comp. air vessel	97% – 99%	99,5% – 99,999%
Volume l	1000	1000

Product Vessel	95% – 98%	99%	99,5%	99,9%	99,99% – 99,999%
Volume l	1000	1000	1000	500	500

Temperature in °C	10	15	20	25	30	35	40	45	50
Correction factor	1,00	1.00	1,00	1,00	0,92	0,81	0,72	0,61	0,48
Inlet pressure in bar	6	6,5	7	7,5	8	8,5	9	9,5	10
Correction factor	0,90	0,95	1,00	1,03	1,06	1,10	1,15	1,21	1,22

INMATEC GaseTechnologie GmbH & Co. KG, Gewerbestr. 72, 82211 Herrsching a. A.
Fon: +49-8152-90970, Fax: +49-8152-909710, E-Mail: info@inmatec.de, www.inmatec.com
V02/2017

Onsite is our World

Technical Data & Connections — *IMT-PN 2150 OnGo*

Dimensions LxWxH (mm)	1610 x 840 x 2200
Operating pressure	11 bar
Net weight (kg)	970
Compressed air connection	G 1 1/2"
N_2 output	G 1"
Silencer output	DN 125 mm
Noise level	55 – max. 85 dB(A)
Ambient temperature	+5° C to +40° C
Electrical connection	230V / 50 Hz (110V / 60 Hz)
Power consumption	150 Watt
Safety class	IP 54

Optional filtration

Inlet Micro filter	0,01 micron
Inlet Active carbon filter	0,003 micron
Outlet Fine filter (Product Vessel))	3 to 5 micron

Inert purity	95%	97%	98%	99%	99,5%	99,9%	99,99%	99,995%	99,999%
Capacity N_2 Nm³/h	211,1	174,3	146,5	115,0	94,5	57,8	29,0	21,8	14,5
Comp. air Nm³/h	401,1	366,0	337,0	287,5	274,1	225,4	159,5	152,3	116,0

** above values apply at 7 bar inlet pressure and 20 ° C air temperature and ambient temperature*

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. Remember that the value that is normally called the nitrogen content actually is the inert gas content.

Compressed Air Specification

Max. pressure	11 bar
Temperature range	+5° C to +50 °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*
Purity	Inlet pressure
Outlet pressure	Inlet temperature
English/German	Dew point
	Flow
	Temperature

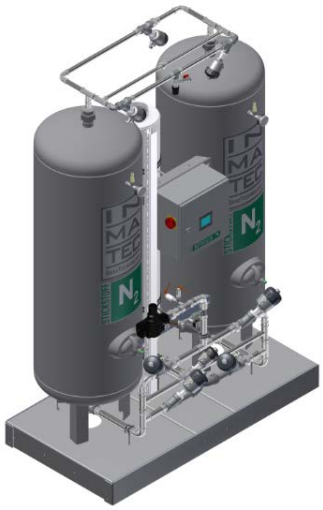
Comp. air vessel	97% – 99%	99,5% – 99,999%
Volume l	2000	1500

Product Vessel	95% – 98%	99%	99,5%	99,9%	99,99% – 99,999%
Volume l	1500	1000	1000	500	500

Temperature in °C	10	15	20	25	30	35	40	45	50
Correction factor	1,00	1.00	1,00	1,00	0,92	0,81	0,72	0,61	0,48
Inlet pressure in bar	6	6,5	7	7,5	8	8,5	9	9,5	10
Correction factor	0,90	0,95	1,00	1,03	1,06	1,10	1,15	1,21	1,22

INMATEC GaseTechnologie GmbH & Co. KG, Gewerbestr. 72, 82211 Herrsching a. A.
Fon: +49-8152-90970, Fax: +49-8152-909710, E-Mail: info@inmatec.de, www.inmatec.com
V02/2017

Onsite is our World



Technical Data & Connections — *IMT-PN 2250 OnGo*

Dimensions LxWxH (mm)	1610 x 840 x 2380
Operating pressure	11 bar
Net weight (kg)	1300
Compressed air connection	G 1 1/2"
N_2 output	G 1"
Silencer output	DN 125 mm
Noise level	55 – max. 85 dB(A)
Ambient temperature	+5° C to +40° C
Electrical connection	230V / 50 Hz (110V / 60 Hz)
Power consumption	150 Watt
Safety class	IP 54

Optional filtration

Inlet Micro filter	0,01 micron
Inlet Active carbon filter	0,003 micron
Outlet Fine filter (Product Vessel))	3 to 5 micron

Inert purity	95%	97%	98%	99%	99,5%	99,9%	99,99%	99,995%	99,999%
Capacity N_2 Nm³/h	260,4	215,3	188,0	143,9	116,6	73,4	35,8	26,9	18,0
Comp. air Nm³/h	494,8	452,1	432,4	359,8	338,1	286,3	196,9	188,3	144,0

** above values apply at 7 bar inlet pressure and 20 ° C air temperature and ambient temperature*

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. Remember that the value that is normally called the nitrogen content actually is the inert gas content.

Compressed Air Specification

Max. pressure	11 bar
Temperature range	+5° C to +50 °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*
Purity	Inlet pressure
Outlet pressure	Inlet temperature
English/German	Dew point
	Flow
	Temperature

Comp. air vessel	97% – 99%	99,5% – 99,999%
Volume l	2000	2000

Product Vessel	95% – 98%	99%	99,5%	99,9%	99,99% – 99,999%
Volume l	2000	1000	1000	500	500

Temperature in °C	10	15	20	25	30	35	40	45	50
Correction factor	1,00	1.00	1,00	1,00	0,92	0,81	0,72	0,61	0,48
Inlet pressure in bar	6	6,5	7	7,5	8	8,5	9	9,5	10
Correction factor	0,90	0,95	1,00	1,03	1,06	1,10	1,15	1,21	1,22

INMATEC GaseTechnologie GmbH & Co. KG, Gewerbestr. 72, 82211 Herrsching a. A.
Fon: +49-8152-90970, Fax: +49-8152-909710, E-Mail: info@inmatec.de, www.inmatec.com
V02/2017

Onsite is our World

Technical Data & Connections — *IMT-PN 3000 OnGo*

Dimensions LxWxH (mm)	2110 x 1260 x 2480
Operating pressure	11 bar
Net weight (kg)	2020
Compressed air connection	G 1 1/2"
N_2 output	G 1"
Silencer output	DN 125 mm
Noise level	55 – max. 85 dB(A)
Ambient temperature	+5° C to +40° C
Electrical connection	230V / 50 Hz (110V / 60 Hz)
Power consumption	150 Watt
Safety class	IP 54

Optional filtration

Inlet Micro filter	0,01 micron
Inlet Active carbon filter	0,003 micron
Outlet Fine filter (Product Vessel))	3 to 5 micron

Inert purity	95%	97%	98%	99%	99,5%	99,9%	99,99%	99,995%	99,999%
Capacity N_2 Nm³/h	372,8	308,7	269,9	205,8	167,0	102,9	51,4	38,6	25,8
Comp. air Nm³/h	708,3	648,3	620,8	514,5	484,3	401,3	282,7	270,2	206,4

** above values apply at 7 bar inlet pressure and 20 ° C air temperature and ambient temperature*

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. Remember that the value that is normally called the nitrogen content actually is the inert gas content.

Compressed Air Specification

Max. pressure	11 bar
Temperature range	+5° C to +50 °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*
Purity	Inlet pressure
Outlet pressure	Inlet temperature
English/German	Dew point
	Flow
	Temperature

Comp. air vessel	97% – 99%	99,5% – 99,999%
Volume l	2000	2000

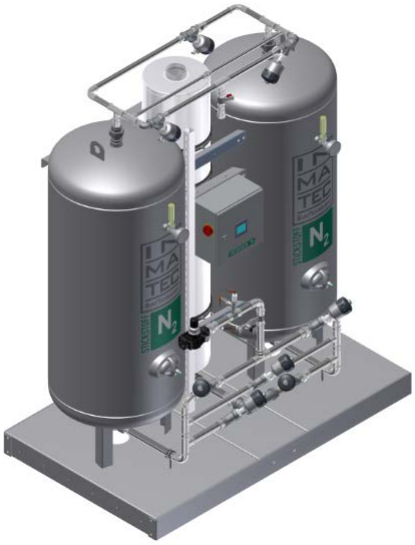
Product Vessel	95% – 98%	99%	99,5%	99,9%	99,99% – 99,999%
Volume l	4000	1500	1500	1000	1000

Temperature in °C	10	15	20	25	30	35	40	45	50
Correction factor	1,00	1.00	1,00	1,00	0,92	0,81	0,72	0,61	0,48

Inlet pressure in bar	6	6,5	7	7,5	8	8,5	9	9,5	10
Correction factor	0,90	0,95	1,00	1,03	1,06	1,10	1,15	1,21	1,22

INMATEC GaseTechnologie GmbH & Co. KG, Gewerbestr. 72, 82211 Herrsching a. A.
Fon: +49-8152-90970, Fax: +49-8152-909710, E-Mail: info@inmatec.de, www.inmatec.com
V02/2017

Onsite is our World



Technical Data & Connections — *IMT-PN 4000 OnGo*

Dimensions LxWxH (mm)	2110 x 1260 x 2550
Operating pressure	11 bar
Net weight (kg)	2600
Compressed air connection	G 1 1/2"
N_2 output	G 1 1/2"
Silencer output	DN 125 mm
Noise level	55 – max. 85 dB(A)
Ambient temperature	+5° C to +40° C
Electrical connection	230V / 50 Hz (110V / 60 Hz)
Power consumption	150 Watt
Safety class	IP 54

Optional filtration

Inlet Micro filter	0,01 micron
Inlet Active carbon filter	0,003 micron
Outlet Fine filter (Product Vessel))	3 to 5 micron

Inert purity	95%	97%	98%	99%	99,5%	99,9%	99,99%	99,995%	99,999%
Capacity N_2 Nm³/h	442,1	366,5	320,3	244,7	575,7	475,0	60,9	45,8	30,6
Comp. air Nm³/h	840,0	769,7	736,7	611,8	575,7	475,0	335,0	320,5	244,8

** above values apply at 7 bar inlet pressure and 20 ° C air temperature and ambient temperature*

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. Remember that the value that is normally called the nitrogen content actually is the inert gas content.

Compressed Air Specification

Max. pressure	11 bar
Temperature range	+5° C to +50 °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*
Purity	Inlet pressure
Outlet pressure	Inlet temperature
English/German	Dew point
	Flow
	Temperature

Comp. air vessel	95% – 98%	99% – 99,999%
Volume l	4000	3000

Product Vessel	95% – 98%	99%	99,5%	99,9%	99,99% – 99,999%
Volume l	5000	3000	3000	2000	2000

Temperature in °C	10	15	20	25	30	35	40	45	50
Correction factor	1,00	1.00	1,00	1,00	0,92	0,81	0,72	0,61	0,48
Inlet pressure in bar	6	6,5	7	7,5	8	8,5	9	9,5	10
Correction factor	0,90	0,95	1,00	1,03	1,06	1,10	1,15	1,21	1,22

INMATEC GaseTechnologie GmbH & Co. KG, Gewerbestr. 72, 82211 Herrsching a. A.
Fon: +49-8152-90970, Fax: +49-8152-909710, E-Mail: info@inmatec.de, www.inmatec.com
V02/2017

Onsite is our World

Technical Data & Connections — *IMT-PN 5000 OnGo*

Dimensions LxWxH (mm)	2110 x 1260 x 3050
Operating pressure	11 bar
Net weight (kg)	3550
Compressed air connection	G 2"/≥99,9 % G 1 1/2"
N_2 output	G 1 1/2"
Silencer output	DN 125 mm
Noise level	55 – max. 85 dB(A)
Ambient temperature	+5° to +40° C
Electrical connection	230V / 50 Hz (110V / 60 Hz)
Power consumption	150 Watt
Safety class	IP 54

Optional filtration

Inlet Micro filter	0,01 micron
Inlet Active carbon filter	0,003 micron
Outlet Fine filter (Product Vessel))	3 to 5 micron

Inert purity	95%	97%	98%	99%	99,5%	99,9%	99,99%	99,995%	99,999%
Capacity N_2 Nm³/h	630,0	522,9	457,8	348,6	283,5	174,3	87,2	65,4	43,6
Comp. air Nm³/h	1.197,0	1.098,1	1.052,9	871,5	822,2	679,8	479,6	457,8	348,8

** above values apply at 7 bar inlet pressure and 20 ° C air temperature and ambient temperature*

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. Remember that the value that is normally called the nitrogen content actually is the inert gas content.

Compressed Air Specification

Max. pressure	11 bar
Temperature range	+5° C to +50 °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*
Purity	Inlet pressure
Outlet pressure	Inlet temperature
English/German	Dew point
	Flow
	Temperature

Comp. air vessel	95% – 99%	99% – 99,999%
Volume l	4000	3000

Product Vessel	95% – 98%	99%	99,5%	99,9%	99,99% – 99,999%
Volume l	7000	5000	5000	3000	3000

Temperature in °C	10	15	20	25	30	35	40	45	50
Correction factor	1,00	1.00	1,00	1,00	0,92	0,81	0,72	0,61	0,48

Inlet pressure in bar	6	6,5	7	7,5	8	8,5	9	9,5	10
Correction factor	0,90	0,95	1,00	1,03	1,06	1,10	1,15	1,21	1,22

INMATEC GaseTechnologie GmbH & Co. KG, Gewerbestr. 72, 82211 Herrsching a. A.
Fon: +49-8152-90970, Fax: +49-8152-909710, E-Mail: info@inmatec.de, www.inmatec.com
V02/2017

Onsite is our World

Technical Data & Connections — *IMT-PN 6000 OnGo*

Dimensions LxWxH (mm)	3000 x 1400 x 3050
Operating pressure	11 bar
Net weight (kg)	4200
Compressed air connection	G 2 1/2"/≥99,9 % G 2"
N_2 output	G 1 1/2"
Silencer output	DN 125 mm
Noise level	55 – max. 85 dB(A)
Ambient temperature	+5° to +40° C
Electrical connection	230V / 50 Hz (110V / 60 Hz)
Power consumption	150 Watt
Safety class	IP 54

Optional filtration

Inlet Micro filter	0,01 micron
Inlet Active carbon filter	0,003 micron
Outlet Fine filter (Product Vessel))	3 to 5 micron

Inert purity	95%	97%	98%	99%	99,5%	99,9%	99,99%	99,995%	99,999%
Capacity N_2 Nm³/h	913,5	756,0	661,5	504,0	409,5	252,0	126,0	94,5	63,0
Comp. air Nm³/h	1.735,7	1.587,6	1521,5	1.260,0	1.187,6	982,8	693,0	661,5	504,0

** above values apply at 7 bar inlet pressure and 20 ° C air temperature and ambient temperature*

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. Remember that the value that is normally called the nitrogen content actually is the inert gas content.

Compressed Air Specification

Max. pressure	11 bar
Temperature range	+5° C to +50 °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*
Purity	Inlet pressure
Outlet pressure	Inlet temperature
English/German	Dew point
	Flow
	Temperature

Comp. air vessel	95% – 98%	99% – 99,999%
Volume l	10000	8000

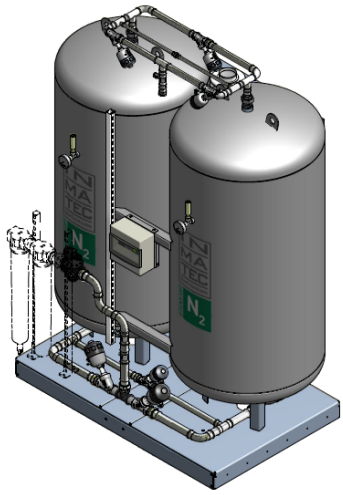
Product Vessel	95% – 98%	99%	99,5%	99,9%	99,99% – 99,999%
Volume l	10000	7000	7000	7000	5000

Temperature in °C	10	15	20	25	30	35	40	45	50
Correction factor	1,00	1.00	1,00	1,00	0,92	0,81	0,72	0,61	0,48
Inlet pressure in bar	6	6,5	7	7,5	8	8,5	9	9,5	10
Correction factor	0,90	0,95	1,00	1,03	1,06	1,10	1,15	1,21	1,22

INMATEC GaseTechnologie GmbH & Co. KG, Gewerbestr. 72, 82211 Herrsching a. A.
Fon: +49-8152-90970, Fax: +49-8152-909710, E-Mail: info@inmatec.de, www.inmatec.com
V02/2017

Onsite is our World

Technical Data & Connections — *IMT-PN 8000 OnGo*



Dimensions LxWxH (mm)	3000 x 1600 x 3400
Operating pressure	11 bar
Net weight (kg)	5950
Compressed air connection	G 3"/≥99,9 % G 2 1/2"
N_2 output	G 2"/≥99,9 % G 1 1/2"
Silencer output	DN 125 mm
Noise level	55 – max. 85 dB(A)
Ambient temperature	+5° to +40° C
Electrical connection	230V / 50 Hz (110V / 60 Hz)
Power consumption	150 Watt
Safety class	IP 54

Optional filtration

Inlet Micro filter	0,01 micron
Inlet Active carbon filter	0,003 micron
Outlet Fine filter (Product Vessel))	3 to 5 micron

Inert purity	95%	97%	98%	99%	99,5%	99,9%	99,99%	99,995%	99,999%
Capacity N_2 Nm³/h	1.370,3	1.134,0	992,3	756,0	1.827,0	1.474,2	189,0	142,0	95,0
Comp. air Nm³/h	2.603,6	2.381,4	2.282,3	1.890,0	1.827,0	1.474,2	1.039,5	994,0	760,0

** above values apply at 7 bar inlet pressure and 20 ° C air temperature and ambient temperature*

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. Remember that the value that is normally called the nitrogen content actually is the inert gas content.

Compressed Air Specification

Max. pressure	11 bar
Temperature range	+5° C to +50 °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*
Purity	Inlet pressure
Outlet pressure	Inlet temperature
English/German	Dew point
	Flow
	Temperature

Comp. air vessel	95% – 98%	99% – 99,9%	99,99% – 99,999%
Volume l	10000	8000	4000

Product Vessel	95% – 98%	99%	99,5%	99,9%	99,99% – 99,999%
Volume l	12000	10000	10000	7000	5000

Temperature in °C	10	15	20	25	30	35	40	45	50
Correction factor	1,00	1.00	1,00	1,00	0,92	0,81	0,72	0,61	0,48

Inlet pressure in bar	6	6,5	7	7,5	8	8,5	9	9,5	10
Correction factor	0,90	0,95	1,00	1,03	1,06	1,10	1,15	1,21	1,22

INMATEC GaseTechnologie GmbH & Co. KG, Gewerbestr. 72, 82211 Herrsching a. A.
Fon: +49-8152-90970, Fax: +49-8152-909710, E-Mail: info@inmatec.de, www.inmatec.com
V02/2017