



Nitromat Pro VP

nitrogen generator for expansion system

The SOTEX nitrogen expansion system mainly consists of a SOTEX Nitromat Pro nitrogen generator, a screw compressor and a nitrogen storage tank. The Nitromat Pro VP series are highly reliable nitrogen generators, energy efficient and deliver a purity of 99% nitrogen or more. Standard equipped with highly reliable components of world brands, effective compressed air treatment, oil/water separator and Siemens PLC control including a 7 inch Siemens Touch screen. This Nitromat Pro VP produces nitrogen by means of a so-called PSA system.

The SOTEX Pro Nitromat VP nitrogen generators are built according to the European CE PED directive, executed according to UL/CSA directive and have an EAC CU TR certificate.

The SOTEX Nitromat Pro VP nitrogen generator is used on vertical storage tanks, where the standard version can provide one tank with a nitrogen blanket. There is also a 'DUO' version which can provide two tanks with a nitrogen blanket.

The new generation of Nitromat Pro VP nitrogen generators are a unique development and are characterized by the standard '**easy commissioning**' assistance function. This makes the SOTEX Nitromat Pro nitrogen generators truly 'Plug & Play' 2.0.



	minimum capacity [Nm ³ /h] @ 9,5 bar	residual oxygen percentage [%]	working pressure blanketing [mbar]	working pressure N ₂ stock vessel [bar]	standard supply voltage 50 Hz 1~230V	special supply voltage * 60 Hz 3~208/230/460V	design temperature [°Celsius]	design pressure [Bar]	installation dimensions			weight (pallet +30 kg)	approval	content PSA vessel	differential pressure load	required capacity of compressed air	complementary compressor **	electric protection
									B [mm]	D [mm]	H [mm]	[kg]	CE PED IIA CU TR (EAC) UL/CSA	[liter]	switching moments	[m ³ /h] @ 10 bar	Atlas Copco	[A]
Nitromat Pro VP2	2								850	750	1700	152		7		8	GX2	
Nitromat Pro VP4	4								855	750	1700	173		14		10	GX2	
Nitromat Pro VP7	7								900	750	1700	200		23		19	GX3	
Nitromat Pro VP11	11	1	15	8	√	optional	20	11	900	750	1700	253	√	36	> 2.000.000	29	GX4	16
Nitromat Pro VP17	17								980	750	1800	329		63		45	GX7	
Nitromat Pro VP20	20								980	750	2000	371		72		50	GX7	
Nitromat Pro VP26	26								1200	760	2100	608		105		65	G7	

* with a special voltage, a separate transformer box is included.
** advice SOTEX (offered as standard)

