

TELESTO

Nitrogen Gas Generator for ELSD / CORONA

Reference : TELESTO.[Flow rate]/0 (Without compressor)
TELESTO.[Flow rate]/1 (With compressor)



Description

With 5 models, 4 L/min to 15 L/min, the TELESTO Nitrogen range provide a nitrogen solution for ELSD / CORONA instrument.

The TELESTO is available without or with integrated oil free air compressor using the **Energy Saving Technology mode (EST)**. It is extremely compact and quiet in operation.

The generator is controlled using the latest in color touch screen technology to display the process in real time, inlet / outlet pressure, N2 Flow and status of the system with remote access for diagnostic control.

Utilizing **Advanced technology PSA** of separating Nitrogen and Oxygen to produce high quality Nitrogen gas on demand 24/7.



Applications

ELSD

CORONA

Benefits & Savings

INCREASED LABORATORY EFFICIENCY

A constant, uninterrupted gas supply of guaranteed purity eliminates interruptions of analyses to change cylinders and reduces the amount of instrument re-calibrations required.

IMPROVED ECONOMY

Pure nitrogen gas produced as standard.

IMPROVED SAFETY

Nitrogen produced at low pressure and ambient temperature removes the need for high pressure cylinders.

SECURITY OF SUPPLY

Integral oil free air compressor as an option guarantees continuous gas supply, independent of in house compressed air supply.

SIMPLE INSTALLATION

Gas generators can be installed in the laboratory, on or under a bench, eliminating the need for long gas lines from cylinders secured elsewhere.

Standard Features

- Intelligent color touch screen to provide simple and user friendly management of all functions of the unit
- Fully regenerative PSA technology
- Without or with integral oil free air compressor
- Quiet thanks to the Soundproofed compressor box and anti-vibration features
- Auto start
- Audible alarm display and Visual maintenance indication with history log
- Outlet flow indicator
- Energy Saving Technology (EST):
 - Switch off the compressor when gas supply is not required
 - Allowing low energy consumption and increasing durability of the compressor
- Remote PC monitoring and diagnostic analysis via USB to interface the unit with customer's PC software (allow to carry out checks and maintenance effectively, only via a remote connection)
- Compact design
- Fit with wheels

N2

MODELS	TELESTO.4		TELESTO.6		TELESTO.8		TELESTO.10		TELESTO.15	
Compressor	0 (Wit- hout)	1 (With)	0 (Wit- hout)	1 (With)	0 (Wit- hout)	1 (With)	0 (Wit- hout)	1 (With)	0 (Wit- hout)	1 (With)
GENERALS INFORMATIONS										
Max Nitrogen Flow rate	4 L/min		6 L/min		8 L/min		10 L/min		15 L/min	
Max Nitrogen pressure	6 bar (87 psi)									
Nitrogen purity	99.5%									
Particles	0.01 μ									
Inlet Air flow required @ 8 bar (116 psi)	14 L/min	N/A	21 L/min	N/A	28 L/min	N/A	35 L/min	N/A	52 L/min	N/A
Min Inlet Air quality	ISO8573 - 1:2010 1.4.1	N/A	ISO8573 - 1:2010 1.4.1	N/A	ISO8573 - 1:2010 1.4.1	N/A	ISO8573 - 1:2010 1.4.1	N/A	ISO8573 - 1:2010 1.4.1	N/A
Touch screen	Touch screen (operating parameters, system status, alarms and maintenance)									
Max Relative Humidity	80% RH @ 25°C (77°F)									
Temperature range	From 5 - 25°C (41 - 77°F)									
Max Altitude	3000 Meters									
Noise level @ 1M	25 dB (A)	50 dB (A)	25 dB (A)	50 dB (A)	25 dB (A)	52 dB (A)	25 dB (A)	52 dB (A)	25 dB (A)	52 dB (A)
Dimensions (W x H x D)	47.5 x 66.2 x 65 cm (18.7" x 26" x 25,6")				47.5 x 66.2 x 79 cm (18.7" x 26" x 31")					
Weight (kg/lbs)	54 / 119	58 / 127	56 / 122	60 / 132	88 / 194	108 / 238	88 / 194	108 / 238	91 / 200	118 / 260
Power consumption	150 VA	375 VA	150 VA	375VA	150 VA	850 VA	150 VA	850 VA	150 VA	1700 VA
Electrical supply	220 - 240 V ac / 1 ph / 50 - 60 Hz									
	110 - 120 V ac / 1 ph / 50 - 60 Hz									
Fuse	10A									
CONNECTIONS										
Nitrogen outlet	G 1/4" (BSP) Female									
Air Inlet	G 1/4" (BSP) Female	N/A	G 1/4" (BSP) Female	N/A	G 1/4" (BSP) Female	N/A	G 1/4" (BSP) Female	N/A	G 1/4" (BSP) Female	N/A
COMMUNICATION										
USB/PC Control	In series									

[F-DGSi Care]

The products are guaranteed 24 months*. Beyond, your investment continues to be supported by our maintenance program **[F-DGSi Care]**. Our world class technical assistance offers Programmed preventive maintenance to ensure optimal performance of your Gas generator F-DGSi and a priority intervention in case of failure.

*Year 2 of warranty subject to generator being serviced at end of the first year by a F-DGSi-approved agent in accordance with fixed annual maintenance schedule.
For full terms and conditions, visit www.f-dgs.com

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Certified Product

