

# TELESTO

## Nitrogen Gas Generator for ELSD / CORONA

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



### Description

With 4 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.



UNIQUE AND INTELLIGENT OPERATOR INTERFACE WITH REMOTE ACCESS

### 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.15	
Compressor	0 (Without)	1 (With)	0 (Without)	1 (With)	0 (Without)	1 (With)	0 (Without)	1 (With)
<b>GENERALS INFORMATIONS</b>								
Max Nitrogen Flow rate	4 L/min		6 L/min		8 L/min		15 L/min	
Max Nitrogen pressure	6 bar (87 psi)							
Nitrogen purity	99.5%							
Particles	0.01 $\mu$							
Inlet Air flow required @ 8 bar (116 psi)	14 L/min	N/A	21 L/min	N/A	28 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
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)
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	91 / 200	118 / 260
Power consumption	150 VA	375 VA	150 VA	375VA	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							
<b>CONNECTIONS</b>								
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
<b>COMMUNICATION</b>								
USB/PC Control	In series							

**Gold Service**  
 — Satisfaction Guaranteed —

The products are guaranteed 24 months\*. Beyond, your investment continues to be supported by our maintenance program [Gold Service]. 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](http://www.f-dgs.com)

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