

DEIMOS UZA.TOTAL

Ultra Zero Air Total Gas generator

Reference : DEIMOS.UZA.TOTAL.[Flow rate]/1 (with compressor)



Description

F-DGS's DEIMOS UZA.TOTAL Ultra Zero Air generators is able to remove Total hydrocarbons to less than 0.05 ppm and others pollutant like H₂O, CO₂, CO, NO_x, SO₂.

CO and THCs are removed using heated catalyst. H₂O and CO₂ are removed with dual molecular sieve PSA system.

NO_x is removed with Purafil and SO₂ is removed with and activated charcoal filter.

The DEIMOS UZA.TOTAL is available 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 color in touch screen technology to display the process in real time, inlet / outlet pressure, Air Flow and status of the system with remote access for diagnostic control.



UNIQUE AND INTELLIGENT OPERATOR INTERFACE WITH REMOTE ACCESS

Applications

- GC-FID
- GC-FPD
- GC-NPD
- Gas Sensing

Benefits & Savings

BETTER DETECTOR PERFORMANCE

The reduction of H₂O, CO₂, CO, NO_x, SO₂ decreases the background noise level and gives the baseline much better stability, considerably increasing detector sensitivity and ensuring precise analytical results.

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.

SAVE MONEY

The unit only requires connection to a suitable socket for model with integrated compressor. The investment can be paid back in less than one year.

IMPROVED SAFETY

Ultra Zero Air Total produced at low pressure and ambient temperature removes the need for high pressure cylinders

SECURITY OF SUPPLY

Do not requires external 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
- 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

**ULTRA
ZERO AIR
TOTAL**

MODELS	DEIMOS. UZA. TOTAL.1	DEIMOS. UZA. TOTAL.3	DEIMOS. UZA. TOTAL. 6	DEIMOS. UZA. TOTAL. 10	DEIMOS. UZA. TOTAL. 20	DEIMOS. UZA. TOTAL. 35	DEIMOS. UZA. TOTAL. 50
GENERALS INFORMATIONS							
Max Zero Air Flow rate	1.5 L/min	3 L/min	6 L/min	10 L/min	20 L/min	35 L/min	50 L/min
Max Zero Air pressure	6 bar (87 psi)						
Total HCs outlet	< 0.05 ppm						
Total CO, NOx, SO2 outlet	< 0.05 ppm						
Total CO2 outlet	< 5 ppm						
H2O Dew Point	-50°C (-58°F)						
Particles	0.01 μ						
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)						
Noise level @ 1M	< 50 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)	58 / 128			75 / 165		121 / 267	
Electrical supply	220 - 240 V ac / 1 ph / 50 - 60 Hz						
	110 - 120 V ac / 1 ph / 50 - 60 Hz						
Power consumption	655 VA			1130 VA		1980 VA	
CONNECTIONS							
UZA Air outlet	G 1/4" (BSP) Female						
COMMUNICATION							
USB/PC Control	In series						

[F-DGSi Care]

Les produits sont garantis 24 mois*. Au-delà, votre investissement continue d'être soutenu par notre programme de maintenance [F-DGSi Care]. Notre assistance technique de classe mondiale offre une maintenance préventive programmée pour assurer une performance optimale de votre générateur de gaz F-DGSi et une intervention prioritaire en cas de défaillance.

*L'année 2 de la garantie est soumise à l'entretien du générateur à la fin de la première année par un agent agréé par F-DGSi conformément au programme d'entretien annuel fixe. Pour les termes et conditions complets, visitez www.f-dgs.com

F-DGSi France

365 Avenue de Rio - 77127 Lieusaint, France

Tel. : +33(0)1 64 98 21 00

Fax. : +33(0)1 64 98 00 43

Email : info@f-dgs.com

Web : www.f-dgs.com

Certified Product

