

TOC 1000 carrier/combustion gas generator for TOC analyzers

Application: Carrier/combustion gas for TOC analyzers

Part number: 3302384 (110V) | 3301941 (230V)



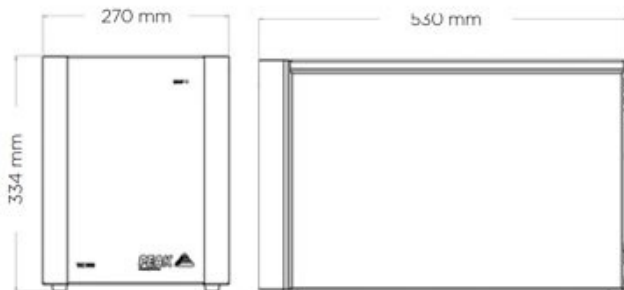
Description

The TOC 1000 has been engineered using the latest in PSA and air catalyst technology to supply clean, dry, CO₂ and hydrocarbon-free air for Total Organic Carbon analyzers using combustion catalytic oxidation.

The TOC 1000 provides a consistent and continuous supply of carrier and combustion air for TC, IC, TOC and NPOC analysis from a compact, bench-top system. Meeting the purity requirements of all combustion-type TOC analyzers, Peak Scientific's TOC 1000 can support up to 5 TOC instruments with a maximum output of 1000cc/min.

With no internal compressor, the TOC is effectively silent in operation, requiring house air or an external compressor for operation.

- **Gas types** Air
- **Integrated compressor:** No
- **Application Types:** Carrier/combustion gas for TOC analyzers



Key Features

- 1000cc TOC-grade Air @ 50psi outlet pressure
- <1ppm CO₂, <0.05ppm CH₄, <0.1ppm NO_x/Sox
- Tested & approved by leading TOC instrument manufacturers
- Plug and play supply for TOC instruments with minimal set-up required
- Can operate 24/7 with no compromise on performance
- NPL (National Physical Laboratory) validated performance of catalytic chamber
- Space-saving small bench-top form factor
- Virtually silent in operation
- 2-year comprehensive warranty

Technical Specifications

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Gas Type	Air
Max Gas Flow:	1000cc/min
Max Output Pressure:	50psi/3.4bar
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Gas Outlets Fitting:	1x 1/4" BSP Female
Min Inlet Pressure:	100psi/6.9bar
Max Inlet Pressure:	145psi/10bar
Min Inlet Air Quality:	ISO 8573 - 1:2010 Class 1.4.1 *
Start Up Time:	120 min
Power Consumption:	480 W (120V) / 230 W (230V)
Voltage:	120V±5% / 230V ±10%
Frequency:	120V/ 60Hz / 230V 50/60Hz
Current:	120V 4A / 230V 1A
Max Operating Temp:	35°C / 95°F
Particles:	<0.01 µm
Phthalates:	Phthalate & BHT Free
Accreditations:	CE
Size (HxWxD) mm	343 x 270 x 528 mm
Size (HxWxD) Inches	13.5 x 10.6 x 20.8 inches
Generator Weight	27kg / 59.4lbs

* This unit should be connected to an air supply that, as a minimum, meets ISO 8573-1:2010 Class 1.4.1 or connected to the relevant Peak air compressor model.

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Peak Scientific gas generators define the benchmark in reliability, convenience and performance in laboratories around the world, and come backed with a 12 month warranty. Beyond this period however you can ensure that your investment continues to be **[Protected]** by our comprehensive generator care cover.

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0003