

Model 1000M Hydrocarbon Catalytic Oxidizer



SPECIFICATIONS

Specifications subject to change without notice

Temperature Controller	Microprocessor-based
Features	Proportional heater control Digital display of set point
Dimensions	5.25" (13.3 cm) H x 19" (48.3 cm) W x 15" (38.1cm) D
Weight	18 lbs (8.2 kg)
Power Requirements	98-132 VAC (optional 196-264) 360 VA, 50/60 Hz
Air Quality	CO < 5 ppb HC < 0.20 ppb

Overview

The Model 1000M hydrocarbon catalytic oxidizer is an easy to use, reliable method for the removal of methane or carbon monoxide. Ideal for use with any of Sabio's air sources, this oxidizer is extremely effective in furthering the reduction of air pollutants for clean air applications.

The Model 1000M hydrocarbon oxidizer meets industry requirements for thermal oxidation with increased oven reliability and stability, faster rise times, and higher converter efficiencies. Average converter efficiency is 95% or greater.

The proprietary two-stage, multiple path tube and oven design enable the Model 1000M the ability to oxidize reactive species at relatively low temperatures. Oven temperature is precisely maintained by a microprocessor based temperature controller driving a high-capacity optically isolated triac control module. The dual display temperature controller uses pulse width modulation to regulate the heating cycle and minimize thermal noise from on/off cycling. A thermal cutoff switch works with the heating element to protect the electronic circuitry and oven from thermal overload conditions.

Note: The hydrocarbon catalytic oxidizer is available as an internal option for the Model 1001.

A Portable unit (Model 2050) is available for the Model 2020

Optional Features / Spares

- ▶ Catalyst Recharge Kit
- ▶ Rack Mount Kit