



WORLD CLASS
environmental
MONITORING

Thermal Oxidizers

The Ecotech HTO1000 Thermal Oxidizer is available in three different configurations to be used with chemiluminescent oxides of nitrogen gas analyzers for the measurement of ammonia (NH₃) or with sulfur dioxide gas analyzers for the measurement of hydrogen sulfide (H₂S) or total reduced sulfur (TRS).

The Ecotech model HTO1000 series of thermal oxidizers is specifically configured for each gas application with different catalytic materials and operating temperatures. The converter is available with SOx scrubber for use in hydrogen sulfide (H₂S) applications.

The oxidizer is generally used to oxidize gaseous compounds in an atmosphere containing oxygen.

- NH₃ Conversion Efficiency 94 - 99%
- NH₃ Oven Temperature 580° C
- H₂S Conversion Efficiency 95 - 99%
- H₂S Oven Temperature 580° C
- Features SOx scrubber - 300 ppm hour life
- TRS Conversion Efficiency 95 - 99%
- TRS Oven Temperature 800° C

Specifications:

Power	240 VAC, 50 Hz fused at 3.15A Slo-Blow 110 VAC, 60 Hz fused at 5A Slo-Blow
Consumption	200 VA
Weight	10 kg
Dimensions	220 mm 5RU height, 484 mm width, 220 mm depth
Operating temperature	25 - 1000° C
Gas temp. accuracy	± 5° C
Flow rate	0.1 - 1.5 l/min
Quartz tube volume	88.5 cc
Gas pressure	from vacuum to max. 2 bar pressure
Response time	5 - 10% of rise/fall time of analyzer



USA contact details

Ph: (401) 247 0100
Fax: (401) 537 9166
Email: info@AmericanEcotech.com
Website: www.AmericanEcotech.com



2006 Governor of Victoria
Export Awards

Winner

BRO 0036 14-FEB-07