

The Affordable Catalytic Oxidation System

The SPECTRUM compact oxidizer brings the operating cost benefits of catalytic oxidation to applications that don't need an expensive, full-featured system. The SPECTRUM delivers 95% VOC destruction while using much less fuel than comparable non-catalytic oxidizers. The SPECTRUM's light weight allows mounting flexibility, especially for space-restricting roof locations with minimal structural support.

Choice of Proprietary Catalysts

The standard SPECTRUM comes equipped with the patented 936 precious metal catalyst. This formulation combines low temperature operation, thorough VOC destruction and low NOx production with exceptional longevity and excellent poison resistance.

Low-maintenance Burner

The SPECTRUM's burner features nozzle mixing of the combustion air and fuel. This ensures efficient combustion and avoids flameouts, even in oxygen-deficient air streams. The built-in combustion security guard ensures safe operation. The SPECTRUM gas train is pre-wired and pre-piped at the factory, saving installation time and cost.



The SPECTRUM™ catalytic VOC control system offers an economical alternative that is ideally suited for printing applications, coaters, solvent wash systems, or intermittent operations.

- *98% VOC Destruction*
- *Low Capital, Installation, Operating & Maintenance Costs*
- *Proven Reliability, Efficiency and Longevity*

Quality Components and Construction

For longer equipment life, the SPECTRUM is built with corrosionresistant stainless steel that resists embrittlement and stress cracking. The unit internals are insulated and welded airtight to conserve heat and keep exterior surface temperatures low.

Superior Engineering

The SPECTRUM is specifically designed for processes that need both high VOC cleanup and low capital costs. MEGTEC builds each SPECTRUM for the precise requirements of each installation, ensuring custom quality, seamless performance and reliable productivity.

SPECTRUM... An Economic Alternative In Catalytic Oxidation Systems

The SPECTRUM can be mounted on top of a flotation dryer to save ducting costs, yet it's rugged enough for outdoor installation.

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