



PORTABLE

AUTONOMOUS

SCALABLE

AFFORDABLE

Concentrating the Power of 300 Suns for Sustainable Remediation

REVOLUTIONARY ORGANIC CONTAMINATION DISPOSAL SOLUTION

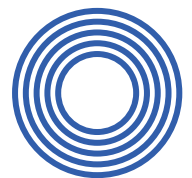
BENEFITS

- Modular - integrates with existing equipment.
- Minimal power required and no in-ground infrastructure.
- Custom receiver configurations for solids or liquids.
- Depreciable as capital equipment and lease finance-able.
- Focal can provide annual maintenance contracts and technical expertise to ensure Ray is adequately treating your effluent.
- Ray disassociates high impact contaminants, including solvents, cyanide, hydrocarbons, and other organic based contaminants.
- Our system performance has been verified by an independent environmental laboratory and Oregon State University.



Ray® Generation 2

F**OCAL**
TECHNOLOGIES, INC



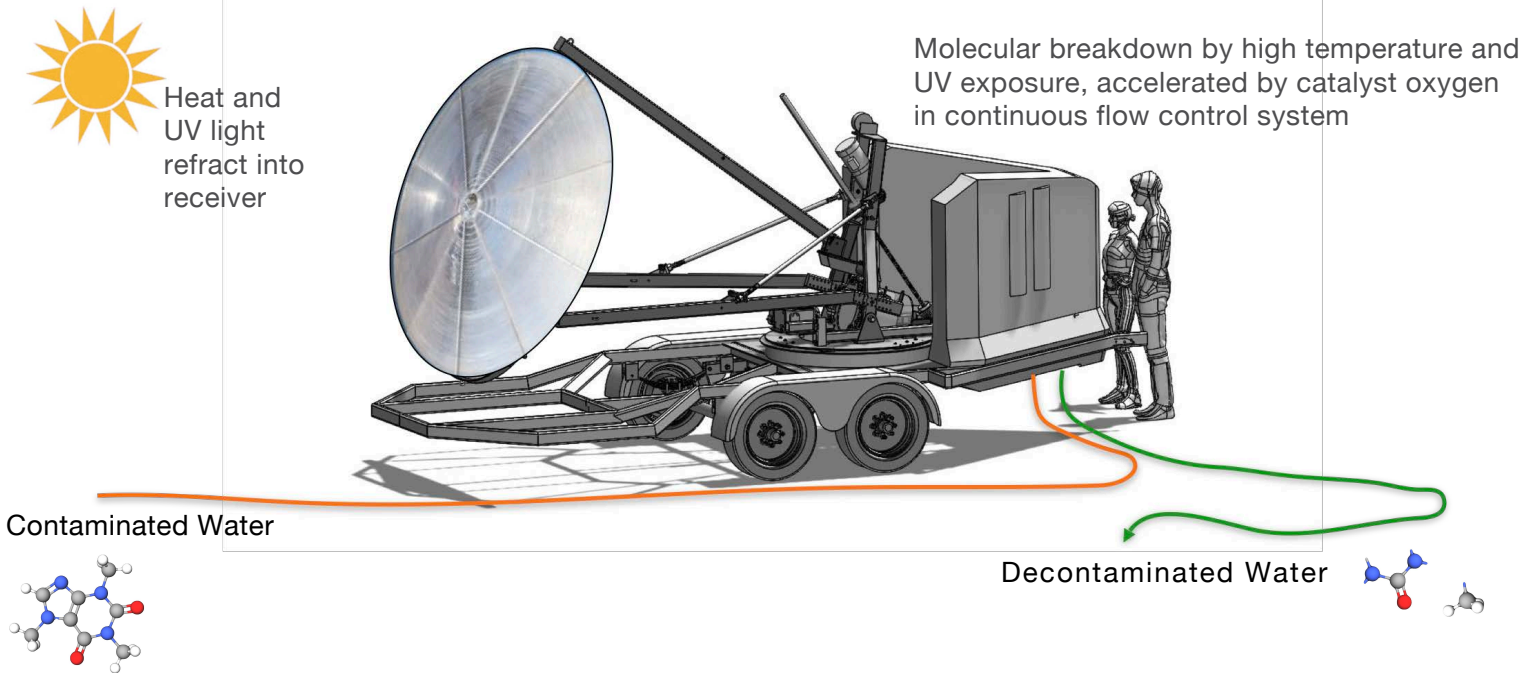
SCALABLE SYSTEM FOR HIGHER THROUGHPUT

For a video and more information about Ray and our company visit us at www.focaltechnologies.us

HOW Ray® WORKS

Ray uses solar tracking technology to automatically align with the sun. Ray then feeds fluids or solids into the reaction chamber where molecular breakdown occurs due to intense UV exposure, catalyst agents, and high heat solar concentration from Ray's lens.

Solar Photocatalytic Process



SYSTEM SPECIFICATIONS: 8-40'

MAXIMUM HEAT 800 - 2000 degrees F

TOTAL UV* 6,000 and up Watts Per Meter Squared

**Based on 1000 W/m² available sunlight*

GROSS WEIGHT 8 foot system: 7,000 lbs, trailer deliverable

THROUGHPUT Up to 125 GPM. Variable, based on discharge requirements and affluent concentration.

REFRACTOR Lightweight durable acrylic, repairable, hail resistance. Available 8', 16' and 40' sizes.

INTEGRATION Stand-alone, in series, or easily integrates with existing equipment.

POWER Can be customized for individual site requirements, PV options available.

DESIGN Engineered to withstand 90 mph wind loads with a stow feature for extreme weather events. Crafted with stainless steel, there is a 10 year minimum life on the refractor and 20 years on most components.

ALTERNATE APPLICATIONS Also tested on glycols, coliform, and high BOD content effluent including food processing waste. Applicable to pesticides and COD.

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To speak with a representative about price and other inquiries contact us @ 503.804.0143 or 800.710.8131