

# CYCLONATOR INCINERATOR CY-50-CA

Ketek's Controlled Air Incinerators destroy solid waste (Types 1-2-3-4) efficiently and reduce the risk of contamination to the environment.



EASY TO OPERATE  
AND MAINTAIN

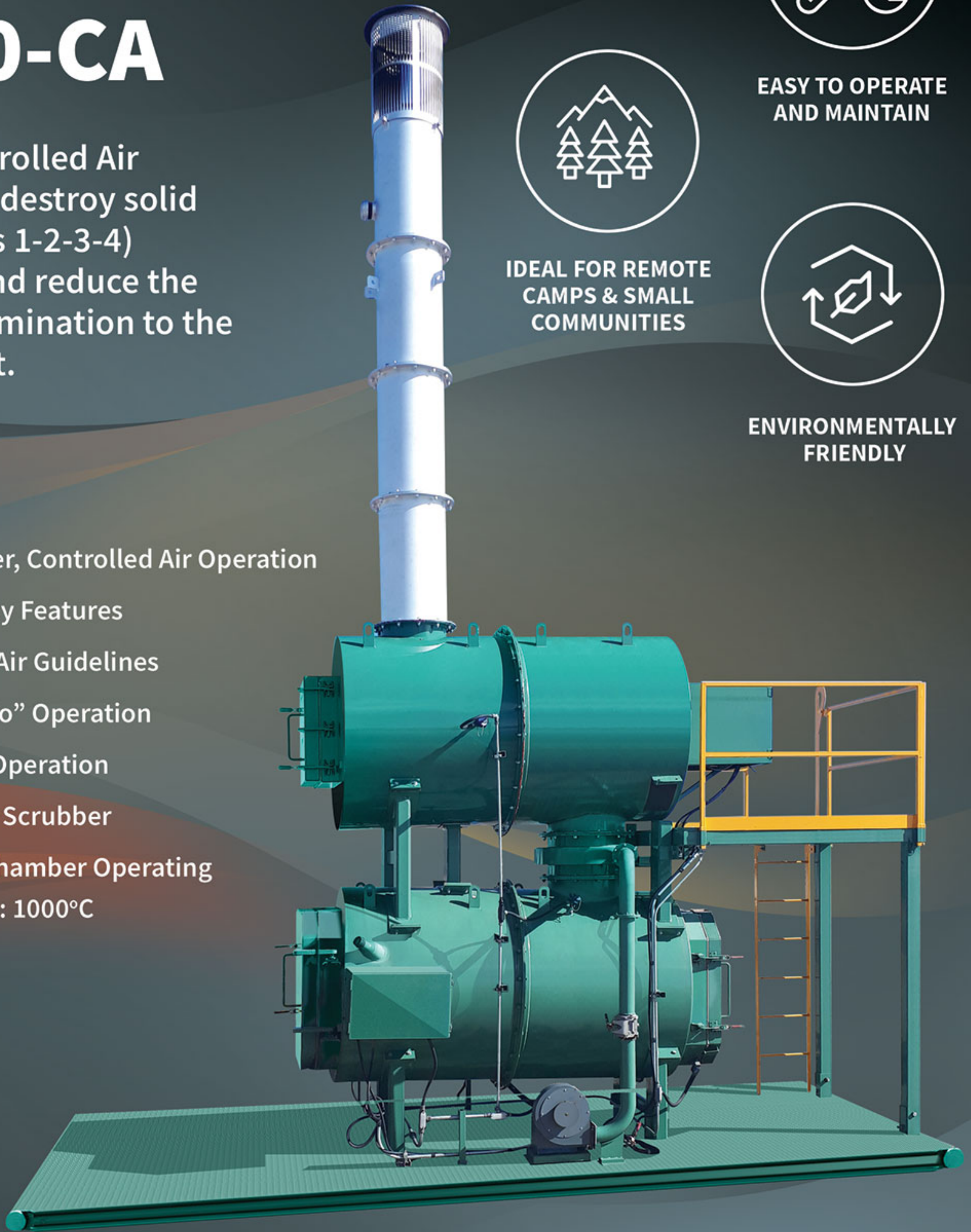


IDEAL FOR REMOTE  
CAMPS & SMALL  
COMMUNITIES



ENVIRONMENTALLY  
FRIENDLY

- ✓ Dual Chamber, Controlled Air Operation
- ✓ Built-in Safety Features
- ✓ Meets Clean Air Guidelines
- ✓ "Load-and-Go" Operation
- ✓ Economical Operation
- ✓ Optional Dry Scrubber
- ✓ Secondary Chamber Operating Temperature: 1000°C



They're safe and reduce GHGs when compared to many other waste disposal options.



Results Driven.

**KETEK**  
GROUP

# Cyclonator Controlled Air Incinerators CY-50-CA



## Combustion Chambers

- Primary chamber: 1.63 m<sup>3</sup>
- Secondary chamber: 1.84 m<sup>3</sup>

## Power Requirements

- 125/250 V, 30A, single phase, 60 Hz

## Stack

- 483 mm diameter
- 3.7 m high w/o spark arrester
- 4.3 m high w/ spark arrester
- Refractory-lined

## Casing

- 6.35mm gauge steel.
- Lining: high-heat duty castable refractory over high-temperature insulation

## Doors

- 622 mm x 876 mm clear opening
- Refractory-lined
- 6.35 mm steel plate c/w heavy duty toggle clamp

## Air Emissions

- Meets Environment Canada design guidelines for incinerator.
- Some waste streams may require the use of a scrubber
- Optional dry scrubber guaranteed to meet all emission standards.

## Fuel Supply

- LPG, natural gas or diesel
- 4,500L double-walled fuel storage tank\* c/w filter and flexible hose type connection.
- \* More if required.

## Transportation

- Primary chamber, with skid: L 6.1 m x W 2.44 m x H 2.1 m, 6,263 kg (13,807 lbs)
- Secondary chamber, with skid: L 3.4 m W 1.5 m H 2.1 m, 4,882 kg (10,763 lbs)
- Crated stack: L 4.3 m, 649 kg (1,430 lbs)

## Control System

- PLC controller
- "Load-and-Go," one-button batch operation
- Temperature control for primary and secondary chambers
- Real-time data logging

## Air Supply

- Forced air fan c/w ducts to secondary flame port air jets.

## Auxiliary Burners

- 770,000 BTU/hr for primary chamber; gun type, enclosed in protective steel housing
- 1,600,000 BTU/hr for secondary chamber; gun type, enclosed in protective steel housing.

## Assembled Dimensions

- L 6.1 m (20'7")
- W 2.44 m (8')
- H 8.3 m (27'4")
- Weight 11,794 kg (26,000 lbs)

## Air Emissions



Meets Environment Canada and NFPA design guidelines



Optional wet/dry scrubbers can meet all emissions standards

## Touchscreen display



Record incineration operations



Comes with 32 GB of memory, enough to log 5+ years of data



## Contact Ketek

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## Visit

ketek.ca