CYCLONATOR
INCINERATOR CY-2000-CA

The CY-2000-CA destroys solid waste (Types 1-2-3-4) efficiently and reduces the risk of contamination to the environment.

It's safe and reduces GHG emissions when compared to many other waste disposal options. It can handle up to two tonnes of camp waste per day.

- ✓ Meets the toughest environmental standards in the world
- ✓ Can destroy pathogenic, infectious or toxic materials
- ✓ Optional heat exchanger and scrubbers

IDEAL FOR REMOTE CAMPS & COMMUNITIES

ENVIRONMENTALLY FRIENDLY

EASY TO OPERATE AND MAINTAIN

KETEK GROUP

Results Driven.

Cyclonator CY-2000-CA

Features

- Dual chamber, controlled-air operation
- Secondary chamber gas residency time of two seconds
- Revolutionary Cyclonator flame-port design
- Built in safety features
- Low power consumption

Control System

- PLC Controller
- Load-and-go, one-button batch operation
- Temperature control for primary and secondary chambers
- Real-time data logging

Fuel Supply (diesel-fired units)

- Optional double-walled, 15,000 L fuel storage tank, c/w filter and flexible hose connection
- Optional cold-climate package / Arctic fuel line

Optional Fuels

- Diesel, waste oil, natural gas, LPG

Load Capacity

- Max load capacity: 1,000kg
- Incinerator capacity: two tonnes/day

Combustion Chambers

- Primary chamber volume is 5.90 m^3
- Secondary chamber volume is 3.90 m^3

Operating Temperatures

- Primary chamber: 800°C
- Secondary chamber: 1,100°C

Casing

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

Two Refractory-lined Doors

- 762 mm x 914 mm clear opening
- 6.35 mm steel plate c/w heavy duty blade latch
- Optional top-loading capability

Adjustable Air Supply

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

Auxiliary Burners (Gun type, enclosed in protective steel housing)

- Three 980,000 BTU/hr burners for primary chamber
- Two 1,600,000 BTU/hr burner for secondary chamber with custom logic to maintain 1,100°C

Refractory-lined Stack

- Interior diameter: 603 mm
- Height: 12.13 m (39' 9")

Transportation

- Shipped in sections for better handling and assembled onsite

Dimensions (Assembled)

- L 7.3 m (24')
- W 7 m (23')
- H 12.13 m (39' 9")
- Weight 25,278 kg (55,730 lbs)

Power Requirement

- 120/208V, three phase, 60A

Contact Ketek
855-447-5050
Info@ketek.ca

Visit
ketek.ca

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 enough memory to store 10 years of logs