



CA Model

technical **description**

Two Stage Process: 1st stage (Primary Burner) burns waste and produces inert ash and combustible gases. 2nd stage Afterburner (Secondary Chamber) combusts off-gases to eliminate smoke and minimize contaminants.

Cycle Time: Burn cycle of 2-6 hours per batch depending on waste type and density. Followed by a 1-2 hour cool down. Average total cycle length is 5 hours.

Controls: Integrated control panel with programmable logic control, supervisory control, monitoring, data acquisition and remote diagnostic capability. PC computer workstation optional.

Operating Environment: Inside a building or protected from the weather. Weatherproofing options available.

Other Options: Air Pollution Control System (APCS) - Scrubber, Continuous Emissions Monitoring System (CEMS).

Warranty: 1 year after start-up on defective parts or workmanship.

technical **specifications**

External Casing/Finish: 1/4" (0.6 cm) mild steel, sandblasted and coated with rust inhibiting and heat resistant paint.

Burners: Electronic auto spark, packaged industrial burners, secondary burners modulate.

Fuel Supply Options: Diesel, Fuel Oil, JP8, Natural Gas, Arctic Diesel, Propane. Auxiliary waste oil burners can be added.

Operating Temperature:

Primary Chamber: 1200°F (650°C) - 1560°F (850°C)

Afterburner: 1832°F (1000°C), with a 2 second retention time.

Power: Typically 3 phase, 120/208 V, 60 Hz. Other power supply options available.

advantages

- Available in 3 standard sizes
- Compact format
- Easily transportable
- Reduces waste volumes by over 90%
- Smokeless and odourless
- Automatic process control
- Low operating and maintenance costs



acceptable **waste streams**

Community Waste
Camp Waste
Biomedical Waste



capacities

Model		CA-50	CA-100	CA-600
Waste Capacity	Domestic Waste* lbs/batch	200	400	750
	Biomedical Waste** lbs/batch	120	240	450

*Based on typical solid waste densities.

**Based on typical biomedical waste densities.

