



EFFECTIVE SYSTEMS FOR TODAY'S MEDICAL WASTE

[Medical waste incineration](#) is a critical component of modern society, ensuring that infectious substances such as COVID-19 are properly decontaminated prior to disposal. FEECO offers two types of incinerators for medical waste applications:

THE ROTARY KILN

(Pictured above) The [rotary kiln](#) is ideal for high-capacity operations processing 1,000 - 3,000 lb/hr 24 hours per day. The rotary kiln is considered an excess-air incinerator. A typical configuration for this system includes:

- Direct-fired (material waste and products of combustion in direct contact with each other)
- Between 4' and 10' in diameter and 20' and 40' in length
- Co-current airflow
- Refractory lining
- Secondary combustion chamber, waste heat boiler, and air pollution control system

THE FIXED-HEARTH INCINERATOR

The fixed-hearth incinerator is suited for small operations processing between 100 - 2,000 lb/hr at a maximum of ten hours per day. The fixed hearth is considered a starved- or controlled-air incinerator. A typical configuration for this system includes:

- Batch and continuous ram feed arrangements
- Standard models for hourly processing rates between 100-2,000 lb/hr
- Natural gas burners
- Secondary combustion chamber
- Fully integrated air pollution control systems

BENEFITS OF WORKING WITH FEECO

EXPERTISE

As an incineration expert, FEECO has hundreds of installations around the world. Our expertise is unmatched, ensuring that the following conditions are met:

- Material exiting the incinerator is no longer infectious.
- The incineration system meets the necessary regulatory requirements.
- Emissions are properly managed to meet regulations.

QUALITY EQUIPMENT

All systems provided are built with longevity and reliability in mind and are held to the same rigorous quality standards as other FEECO equipment.

EXPEDITED PRODUCTION

Amidst the COVID-19 pandemic, FEECO is prepared to expedite orders through standard equipment models and priority manufacturing.

COMPLETE SYSTEM CAPABILITIES

FEECO serves as a single-source incineration system provider, offering all the necessary components of the system in addition to the incineration unit. This includes:

- Waste storage
- Waste feeding system
- Emissions control system
- Control packages
- Material handling equipment
- Heat recovery system

PARTS & SERVICE

FEECO offers an extensive [parts and service](#) program to support both new and existing incineration systems:

- Spare parts
- Repairs and retrofits
- Process & equipment audits
- Laser alignment
- Tire & trunnion wheel grinding
- Commissioning & installation support
- Emergency service