



## 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