

Electrostatic Precipitator

This electrostatic precipitator is designed for gas treatment applications. It is suitable for use in industrial settings where air pollution control is required.



Overview

High-Efficiency Electrostatic Precipitator

This industrial electrostatic precipitator is engineered for high reliability and superior dust collection efficiency in demanding environments. Featuring a sub-field structure and advanced electrode design, it ensures optimal performance with excellent heat resistance and flexibility. Its automatic control systems and specialized insulation design minimize maintenance requirements while maximizing operational uptime.

Technical Features

Key Advantages

- Sub-field structure for high reliability
- Vertical lead hanging structure for electrodes
- Automatic control top electromagnetic hammer rapping
- High rapping transferring efficiency
- Uniform-field-strength plate design
- Upwards insulation system

Performance Metrics

450 mm

Electrode Spacing

Components

System Components

Component Name

Top rapping system

Isolation box

Casing

Outlet nozzle

Access door

Hopper

Collecting system

Emitting system

Flue gas distribution equipment

Inlet nozzle

HV inlet

Top maintenance hole

Design Specifications

Electrode Design

Rigid Frame, Vertical Lead Hanging, Cone Discharge, Uniform-field-strength

Operational Capabilities

Operational Readiness

Immediate Commissioning • High Heat Resistance • Low Entrainment