

Electrostatic Precipitator for Air Pollution Control

This electrostatic precipitator features a sub-field structure for high reliability and effective dust removal. Its discharge and collecting electrodes have a vertical lead hanging structure with a small rigid frame, providing good flexibility and heat resistance.



Product Overview

High-Efficiency Air Pollution Control

The Electrostatic Precipitator (ESP) is engineered for robust air pollution control, featuring a sub-field structure designed for high reliability and superior dedusting efficiency. Its advanced design incorporates a uniform-field-strength plate and specialized wire-plate technology to eliminate field strength blind spots. Suitable for immediate operation following boiler commissioning, this system provides a flexible, heat-resistant solution for large-scale industrial environmental management.

Technical Design

Electrode Structure	Vertical lead hanging structure with small rigid frame
Rapping System Type	Automatic control top electromagnetic hammer rapping
Insulation System	Upwards insulation system

Operational Efficiency

Field Spacing	450 mm
Field Optimization Features	Uniform-field-strength plate, Wire-plate type, Trough plate at field end

Maintenance & Reliability

Key Maintenance Benefits

- High reliability
- Least entrainment
- Easy maintenance
- Improved rapping power transmission

Performance Metrics

Performance Highlights

1 High

Flexibility & Heat Resistance

1 Fast

System Integration