

# 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