

Electrostatic Discharge Tester

This electrostatic discharge tester safely eliminates static electricity buildup on personnel in hazardous areas. It uses conductive plastic to extend discharge time and prevent sparks.



ADDITIONAL IMAGES



Product Overview

Industrial Electrostatic Discharge Eliminator

This human body electrostatic eliminator is designed specifically for hazardous environments, such as the petrochemical industry, where static electricity poses a significant fire or explosion risk. Utilizing advanced conductive plastic and a durable stainless steel construction, it safely discharges accumulated static energy from the human body upon contact. The system features an explosion-proof touch ball and moisture-proof epoxy resin casting, ensuring reliable performance and safety in demanding industrial settings.

Performance & Safety

Key Performance Metrics

55 ©

Grounding Resistance

20 KV

Static Voltage Capacity

Safety Features

Explosion-proof, Anticorrosive, Waterproof, Moisture-proof, Ultra-low power design

Mechanical Specifications

Physical Dimensions

Component	Specification
Product Height	1.0 m
Touch Ball Diameter	90 mm
Stud Diameter	51 mm
Wall Thickness	1.5 mm
Flange Diameter	150 mm / 200 mm

Construction Details

- Rod Material: SS304 Stainless Steel
- Ground Cable: 2m-5m Linear PU Cable

Compliance & Standards

Compliance Standards

- GB3836.1-2010 (Explosive environment - General requirements)
- GB3836.4-2010 (Explosive environment - Intrinsically safe 'i')
- GB5074-2002 (Petroleum library design specification)
- SH3097-2000 (Petrochemical electrostatic grounding design specification)