

Explosion-Proof Electrostatic Discharge Tester

This explosion-proof tester is designed for use in environments where flammable materials are present. It safely eliminates static electricity, preventing accidental ignition.



Product Overview

Human Body Electrostatic Discharge Tester

This electrostatic discharge tester, also known as a touch electrostatic elimination ball, is a critical safety device designed to safely remove static electricity from the human body. Constructed from durable stainless steel, it operates as a passive circuit, requiring no external power source for operation. It provides a reliable, sensation-free method for static dissipation, making it an ideal safety solution for environments where static electricity poses a risk of ignition.

Physical Dimensions

Total Height	210 mm
Touch Ball Diameter	90 mm
Pole Diameter	50 mm
Pole Wall Thickness	2 mm
Mounting Flange Diameter	230 mm

Performance Metrics

Max Human Body Electrostatic

20 kV

Max Body Static

Maximum Current Release

2 mA

Max Current

Electrostatic Release Time	100 mS
Residual Human Body Voltage	100 V

Technical Specifications

Working Temperature Range	-40 to 60 °C
Ground Cable Length	3/5 m
Suitable Applications	Oil Stations, Chemical Plants, Metallurgy, Military Industry, Computer Rooms, High-grade Hotels, Office Buildings