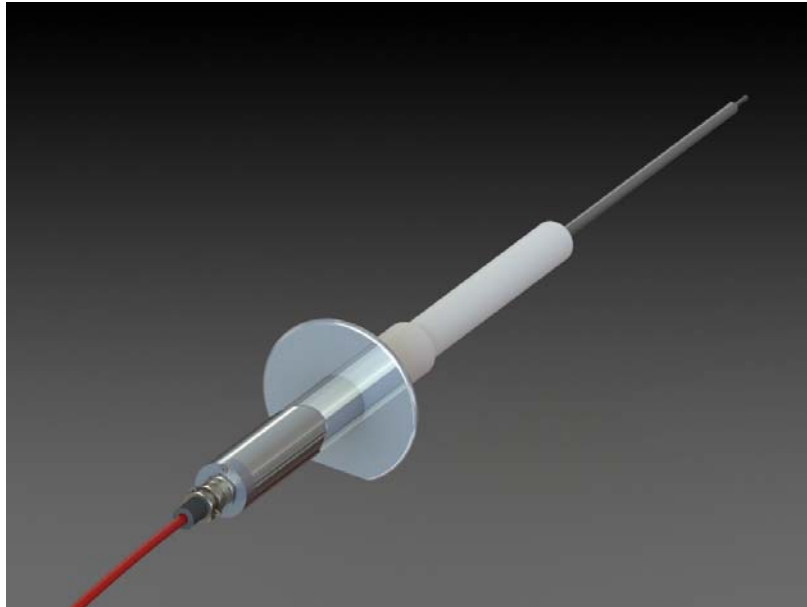


**Description:** High Voltage Earthing Stick  
**Type:** HEB 01/01  
**Part number:** 810202



## Technical Data

Maximum permissible Voltage	160 kV DC
Maximum permissible plant capacity	10 nF
Ambient conditions	+5°C to 50°C max. 80% r.h.
Dimensions Ø / L	40 (120) / 800 mm
Weight	1,5 kg
Resistance	Handle: < 1 Ohm (by Copper shield) Earthing stick < 500 kOhm (by plastic conductor)
Earthing tip	Exchangeable a) Ball electrode b) 4mm banana plug c) Hook
Cable	5 m shielded high voltage cable with damped PE conductor

## Intended use

The high voltage earthing stick type HEB 01/01 is designed for grounding of electrostatic coating equipment according to EN 50050, EN 50176, EN 50177, EN 50223 or EN 50348. It is to unload the DC voltage source of max. 160 kV.

ATTENTION ignitable sparks can occur during earthing. It must be ensured that no flammable atmosphere prevails.

## Operation

The high voltage earthing stick is connected to ground by a damped, shielded high voltage cable.

ATTENTION a good contact of the connecting cable to ground is needed.

The high voltage discharge electrode of the earthing stick is damped by the conductor of the high voltage cable connected to the ground contact. The conductor has a resistance of 20-100 ohms / meter and thus dampens sparks that may occur during discharging.

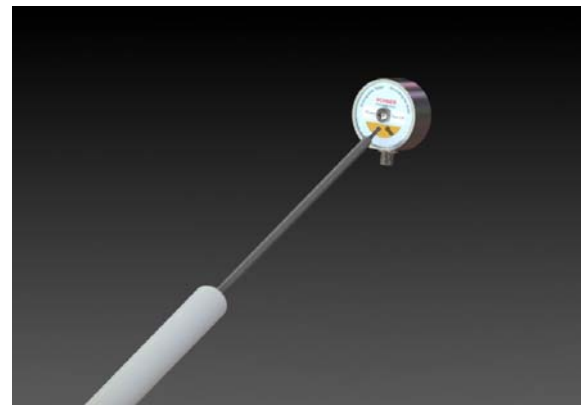
The handle of the earthing stick is connected to ground through the copper shield of the cable. It ensures that the operator is grounded and cannot be charged.

## Optional accessories

### Testbox for functional test

For periodic review of the earthing stick for functionality and proper contact with Earth, we recommend the use of Test box part number: 810204.

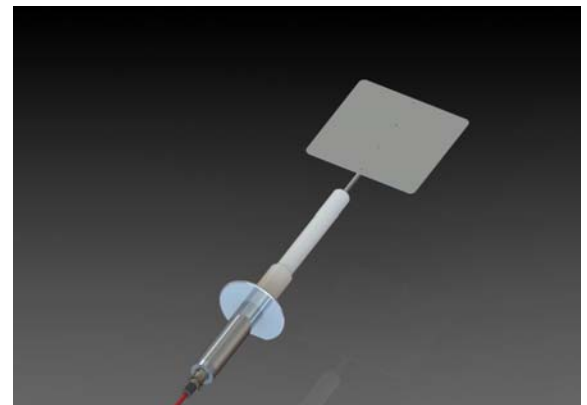
This test box can quickly and easily check safety of the earthing stick.



### Plate electrode

Plate electrode suitable for earthing stick.

Part number: 810362



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