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## Operating instructions

 The unit complies with the corresponding EC guidelines.

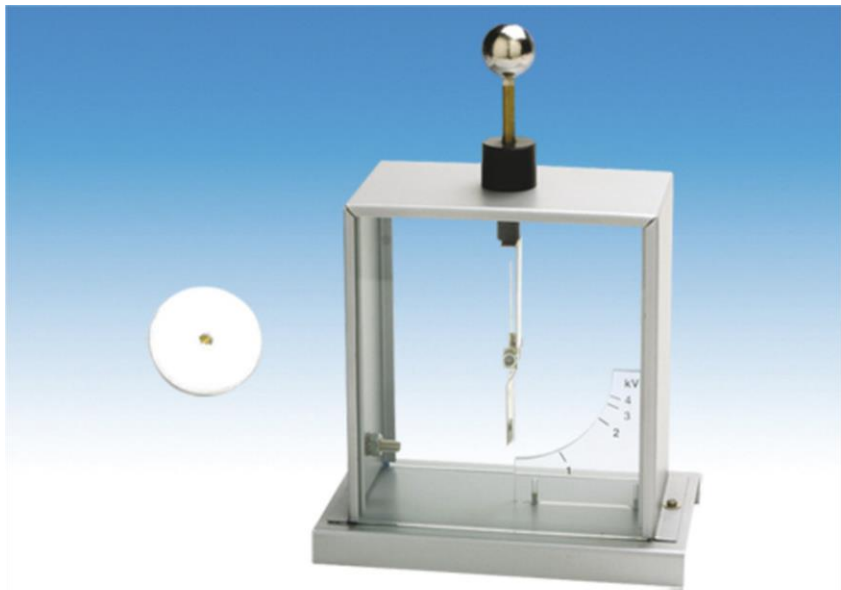


Abb. 1: 07120-01 Elektroskop, Kolbe type

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## 1 SAEFTY PRECAUTIONS



### Caution!

- Carefully read these operating instructions completely before operating this instrument. This is necessary to avoid damage to it, as well as for user-safety.
- Only use the instrument for the purpose for which it is intended.
- The unit is only intended for operation in dry rooms that do not present a risk of explosion.
- Protect the unit from dust, moisture and vapours. Clean the unit with a slightly damp, lint-free cloth. Harsh cleaning agents or solvents are not suitable.
- As the pointer is very sensitive, avoid hard placement of the electrostatic voltmeter and strong shocks during transport.

## 2 PURPOSE AND CHARACTERISTICS

The Kolbe electrostatic voltmeter has a light aluminium pointer with almost frictionless bearings and is used to detect electrical charges and voltages.

Due to its transparent construction, the electrostatic voltmeter is also suitable for shadow projection.

The charge can be read in kV on a logarithmic scale.

### 3 HANDLING

The electroscope is used to display charges applied via the conductor ball or the capacitor plate.

Charge a friction rod (rubber, plastic or glass) electrostatically by rubbing it with a cloth or fur and transfer the charge to the electroscope by touching the conductor ball. The amount of charge causes a more or less strong deflection of the pointer.

### 4 TECHNICAL DATA

- Pointer with tip bearing
- Pointer length: approx. 50 mm
- Front and back are made of glass
- Measuring range 0 - 4 kV
- With 4 mm banana sockets
- Dimensions (WxDxH): 170 x 100 x 121 mm
- Mass: 0.4 kg

### 5 SCOPE OF DELIVERY

The scope of delivery includes:

- Elektroscope
- Conductor
- Condenser plate

### 6 WASTE OF DISPOSAL

The packaging consists predominately of environmentally compatible materials that can be passed on for disposal by the local recycling service.



Should you no longer require this product, do not dispose of it with the household refuse.

Please return it to the address below for proper waste disposal.

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