3B SCIENTIFIC® PHYSICS



Charge Indicator 1009962

Instruction Sheet

02/13 ALF



- 1 On/off switch
- 2 Contact plate
- 3 Negative charge display (blue)
- 4 Positive charge display (red)
- 5 Rear contact plate (back of housing)

1. Description

The charge indicator is designed to detect electric charge and indicate its sign by means of a blue or red LED When a charged object is brought into close proximity or into contact with it.

2. Equipment supplied

- 1 Charge indicator
- 2 Batteries

3. Technical Data

Dimensions: 62x67x20 mm³ approx.

Weight: 85 g approx.
Battery: AA 1.5 V (2x)

4. Operation

4.1 Determining the sign of a charge

- Turn on the charge indicator by setting the switch to ON.
- Bring a charged object into close proximity or into contact with the contact plate.

If the charge is negative, the blue LED will light up and if it is positive the red one will.

- To discharge the charge indicator, make contact between the contact plates on the front and back.
- Turn off the charge indicator after use by setting the switch to OFF.

4.2 Changing the battery

4.2.1 General information

 From time to time, check the state of the battery.

- Remove discharged or corroded batteries from the apparatus.
- During prolonged periods of disuse, also remove the battery from the apparatus.
- Do not dispose of the battery in the regular household garbage. Follow the local regulations (In Germany: BattG; EU: 2006/66/EG).

4.2.2 Changing the battery

- Remove the screws from the back of the housing and remove the back.
- Insert new batteries, making sure that their polarity is correct.

The polarity is marked with plus and minus symbols.

· Close chassis again.

5. Disposal

- The packaging should be disposed of at local recycling points.
- Should you need to dispose of the equipment itself, never throw it away in normal domestic waste. Local regulations for the disposal of electrical equipment will apply.

