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## Operating instructions


 The unit complies with the corresponding EU guidelines.



Fig. 1: Motor 2 V DC, 11031-00

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## 1 SAFETY PRECAUTIONS



### Caution!

- Before commissioning the engine, read the operating instructions carefully and completely. You will protect yourself and avoid damage to your motor.
- Do not reach into the rotating discs during operation, there is a risk of injury!
- Only use the motor for its intended purpose.
- Protect the motor from dust, moisture, and vapours. Clean the unit with a slightly damp, lint-free cloth. Harsh cleaning agents or solvents are unsuitable.
- Do not operate the motor if damage to it is visible.
- Do not open the motor.

## 2 PURPOSE AND DESCRIPTION

For demonstrating the electrical energy obtained from solar battery, thermogenerator, fuel cell or galvanic elements.

Due to its properties, this quality motor is particularly well suited for electrochemical experiments. It already starts up at a voltage of approx. 0.4 V and currents of a few milliamperes. This means that it already indicates the operation of small galvanic cells when the energy supplied is not sufficient to excite a light bulb to a weak glow, for example.

For this motor, a hole is provided in the storage tray for the electrochemistry measuring station, into which it can simply be plugged.

## 3 SCOPE OF DELIVERY

Disc with marking point, diameter: 20 mm



## 4 RECOMMENDED ACCESSORIES

Sector disk for 2V motor

11031-01



## 5 TECHNICAL DATA

- High-quality DC motor, 2 V-
- Field magnets permanent
- plastic housing with 10 mm shaft
- electrical connection via two integrated
- 4 mm sockets

## 6 WASTE DISPOSAL

The packaging mainly consists of environmentally-friendly materials that should be returned to the local recycling stations.



Do not dispose of this product with normal household waste. If this unit needs to be disposed of, please return it to the address that is stated below for proper disposal.

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