## Measuring instruments
Utile per davvero (Really useful)

### GAUSS METRE
**PRO 8000 model**

The Gauss meter is used to measure the density of magnetic flux. The sensor is the intensity reader. It is possible to detect the value by positioning (or not positioning) the sensor on the magnet. The further away the sensor, the lower the Gauss value. To get an exact reading, the sensor has to come into direct contact with the magnet. The value that appears on the display consists in the flux value (measured in mT or Gauss) and the polarity of the magnet (north N or south S). For example: "N 250 mT" means that the polarity of the magnet is north 250 mT (or 25000 Gauss).

## APPLICATIONS

- Measurement of processed items
- Measurement of the magnetic flux of motors
- Measurement of assembled products
- Measurement of the magnetic properties of materials

## SPECIFICATIONS

- Small and intelligent, easy-to-use, can carry out any type of magnetic detection test
- Low charge loss. Can be used for more than 30 consecutive hours.
- Switches off automatically when not in use
- Measurement of magnetic fields
- Detects magnet polarity
- User can choose between transversal or longitudinal use of the sensor

| MODEL | PRO 8000 | | | |
|---|---|---|---|---|
| **DETECTION CONTENTS** | magnetic flux density, polarity (+/-) | | | |
| **MEASUREMENT RANGE, RESOLUTION AND PRECISION** | mode | range | resolution | precision |
| | DC | 0-2000 Gs | 0.1 mT | 2% +3 digit |
| | | 0-20000 Gs | 1 mT | |
| **TEMPERATURE ERROR** | (-) 0.06% /°C | | | |
| **ACCESSORIES** | Sensor, battery | | | |
| **FUNCTION** | polarity indication auto power off | | | |
| **DISPLAY** | 3.5 bit Lcd | | | |
| **OPTIMUM TEMPERATURES** | Temperature: 0°C - 50°C Humidity: 20-80% | | | |
| **BATTERY** | 9V laminated cell battery | | | |
| **DIMENSIONS** | Length 150 x Width 70 x Height 25 mm | | | |
| **WEIGHT** | 175 g (including battery) | | | |