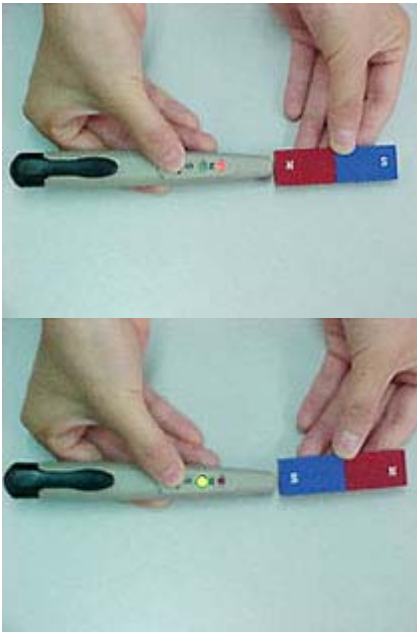


## Magnet Pole Detector/Identifier CY-PD248



### How does identify north and south poles of a permanent magnet?

Simply press and hold the black oval button shown below. Then, place the tip of the detector to the surface of the magnet. If it is the North Pole, the Red LED will shine, if it's the South Pole, the Green LED will light. It's very simple. And if the button is held and the unit is moved around the surface of the magnet, one can note the transition from one pole to another.

This pole identifier is guaranteed 100% accurate. It can be used to NdFeB, SmCo, AlNiCo, hard ferrite and most other magnets and refrigerator magnets.

Minimum detectable magnetic field:  $\pm 17\text{mT}$  (170Gs)

### Battery Replacement

The magnetic pole tester has 4pcs new button batteries installed inside the battery case under pocket clip. To replace battery, please pull out the black pocket clip first. You will see the cover of battery case and a small hole. Push the battery cover toward the hole and take it out. Then take out the exhausted batteries and install new button cells. Please install button cells at two sides of battery box firstly, and insert the 4<sup>th</sup> button cell (the last one) to the middle of them. Suggest replace the 4pcs button cells at the same time to maintain normal battery span.

Battery box  
under pocket clip



Dimensions:

Weight:

Display:

Sensitivity:

Operating temperature range:

Storage temperature:

Battery:

approx. 143 x 22 x 20mm, measuring side 12x12mm

approx. 29g inclusive battery

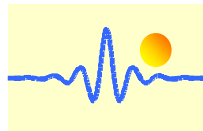
two LED display (green= south, red=north)

$\pm 17\text{mT}$  on/off hysteresis

$-10^\circ\text{C} \sim +50^\circ\text{C}$

$-20^\circ\text{C} \sim +70^\circ\text{C}$

4 x 1.5V button cells



## Applications

- Pole detection of permanent magnets
- Measurement of stray magnetic fields in packaging
- Coil testing
- Post-magnetization polarity checks
- Assistance with the following tasks:
  - Electric motor assembly
  - Installation of magnetic clamping blocks
  - Error Analysis
  - Multipole quality control



Unit price (FOB Munich, EURO/pc, not inclusive the VAT and freight fee)

Order quantity	1pc	5pcs	10pcs	20pcs	50pcs	100pcs
Unit price	22.95	20.95	19.85	18.80	17.80	16.00
Order quantity	200pcs	500pcs	1kpcs	2kpcs	5kpcs	10kpcs
Unit price	15.10	14.50	13.40	12.50	12.00	11.50