

Portable Electronic Magnetic Pole Finder / Detector

Recognize the north and south poles and indicates with a red and green LED

Model MPF-120

Features:

- Inexpensive
- Very easy to use
- Instant Polarity Reading.
- Indicates North and South Pole.
- Will Not Magnetize or Demagnetize - Even in Extreme Magnetic Fields.
- Detects down to $\pm 9\text{mT}$ (90 Gauss)

Descriptions:

The hand-held electronic magnetic pole finder / magnetic pole detector that instantly provides a positive reading of N or S polarity. Simple, push-button operation. Just point and read RED indicates NORTH, GREEN indicates SOUTH.

Unlike mechanical devices which can be altered by external magnetic fields, this pole finder prevents false readings and cannot become magnetized

The magnet pole finder (pole identifier) is guaranteed 100% accurate. It can be used to NdFeB, SmCo, AlNi-Co, hard ferrite and most other magnets and refrigerator magnets.

The minimum detectable magnetic field is $\pm 9\text{mT}$ (90Gauss)



Order number: 10500210

Applications:

- Magnet Bond Testing.
- Coil Testing.
- Magnetization Verification.
- Magnetic Orientation Verification.
- Aid In Motor Assembly
- Magnetic Chuck Assembly
- Magnetic Trouble Shooting
- Multi-Pole Quality Control .

Specifications:

Sensitivity.....	$\pm 9\text{mT}$ (90G) ON/OFF hysteresis
Monitoring.....	Two LED's (Green of south pole and red of north pole)
Power Battery.....	1 x 1,5 volts mini batteries (GPA78)
Battery lifetime.....	Continuous operating time > 10 hours
Operation temperature.....	-20°C to +85°C
Storage temperature.....	-40°C to +150°C
Dimension.....	120mm x 22mm x 190
Weight (include batteries):.....	70 grams
Detection area on the top of the device.....	17 mm x 17mm