

Electronic Magnetic Pole Tester

Part: MPI-1

INSTRUCTIONS

Operating Instructions

This handy magnetic pole tester provides an instant zero-delay magnetic pole indication. Just press the push-button to indicate the appropriate magnetic pole.

The green LED marks the south pole: the red one indicates north.

The probe is fitted in the tip of this pen-style pole tester. Due to the small distance between the probe and the specimen, reliable indicators are obtained even with closely spaced pole centres. As the tester is passed over the magnet, an LED light change from green to red indicates the south-to-north pole transition. A magnet's neutral zone can likewise be precisely identified in this manner. It is assumed in all of the foregoing that the pole tester is held in a vertical position relative to the magnet.

Battery Replacement

The magnetic pole tester is supplied with four new batteries. To replace the batteries, pull out the black pocket clip, you will see the cover of the battery case and a small hole. Push the battery cover toward the hole and take it out. Take out exhausted batteries and install new button cells, Please install button cells at two sides of battery case first, and insert the inner batteries last. It is suggested that all four batteries are replaced at the same time to maintain normal battery life.

Dimensions	Approx. 143 x 22 x 20mm
Weight	Approx 29grams (including batteries)
Display	Two LED display (Green = South / Red = North)
Sensitivity	±17 mT on/off hysteresis
Operating Temp.	0°C to 50°C
Storage Temp.	-20°C to +70°C
Batteries	4 x 1.5v button cell