Trust | Deliver | Learn

MAGNETIZING CHARGER

CAT NO. PH0800E



Instruction Manual

OVERVIEW / SUGGESTIONS FOR USE

Magnetizing Box is useful for old Alnico Horseshoe & bar magnets that have lost their magnetism. It will re-magnetize them as often as you require.

It will not magnetize Neodymium, ceramic magnets as these does not need to be re- magnetize.

THEORY

Magnetizing box works because

(a) Opposite poles attract.

(b) Magnetizer can magnetize another Alnico Bar Magnet, U - Magnet and Horse shoe Magnet of lesser Strength. The composition of Alnico Magnet material accept magnetism from the strong Neodymium Magnet contained with in the magnetizer.

ACTIVITY

(a) Check and match the magnetic poles with the poles of magnetizer i.e.

$$\mathbf{N} \rightarrow \mathbf{S}$$
$$\mathbf{S} \rightarrow \mathbf{N}$$

The poles should attract, If they repel than it is incorrect.

(b) Grip the Alnico Magnet properly and slide it horizontally towards the magnetizer Keeping the font side upwards into the magnetic area. For removing slide magnet back i.e. away form the magnetizer in a horizontal position.

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SAFETY & PRECAUTIONS

(a) Due to High Power of the Neodymium magnets contained in the magnetizes box, make sure student should use it in the presence of teacher.

(b) Keep it away from small metal parts as it will be difficult to remove these.

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