

The Instrument **MAGNOTEST II** measures the magnetism of an object and displays the amount by means of red lights. The displayed amount is a relative value, (strong, weak or not at all magnetic. )

**Important :** Due to the fact that magnetic fields are existing in many places, the Magnetest II has to be adjusted in case not all red lights are off when you first put it into operation the very first time.

**Control and display :**

Connector for power - transformer  
ø 3,5 mm

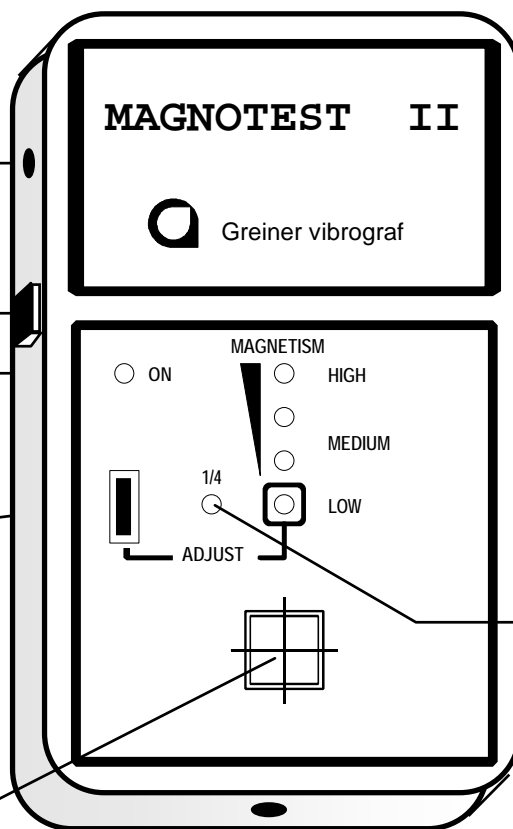
ON and OFF switch

Ready light. Lights up if Magnetest II is switched on.

Adjust button. For fine adjustment of Magnetest II. (Without an object) turn the button to switch off all red lights.

Testpoint : The object has to be put onto this center point for testing.

Adjust screw. Only to be used for 1st use (if necessary) or change of workplace.



Press and it will divide the reading by 4. Use when object has strong magnetic reading

**Change of batteries:**  
The batterie box is situated at the rear of the Magnetest II.  
- Check polarity -



**Greiner vibrograf A.G.**  
Weststrasse 69

**4900 Langenthal**

Tel. 0041 62 923 44 33  
Fax. 0041 62 923 18 46



The MAGNOTEST II informs you if an object is magnetic (strong, weak or not at all.)

To remove the magnetism of an object, we recommend the use of the Greiner-MAGNOMATIC.

### 1 Working conditions:

- 1.1 Power supply 4 batteries UM3 or power - transformer 6 volt DC.  
 1.2 Workplace Do not use the Magnotest II near magnetic fields like :  
 transformers, speakers, motors etc.

- 1.3 Temperature. Use the Magnotest II in room-temperature.

### 2 Putting into operation:

- 2.1 Switch on : Press switch on left side (yellow LED (ON) lights up)  
 Warming-up time: ca. 3 minutes

- 2.2 First operation and change of workplace: Turn regulating device (Adjust) to ca. middle position (white line shows) and turn in front the calibration potentiometer until all red lamps are off. Turn this small screw with plastic screwdriver only.

### 3. Measuring:

Important: If not all red lights have gone off before testing an object, following adjustment has to be made.

- 3.1 Adjustment Magnotest without object - turn regulating device in such a manner until all red lights have gone off.

- 3.2 How to measure Put the object to be measured direct onto the center point. Longish objects like screws etc. usually signal a stronger magnetism at their head or face. For small objects you must use a pair of tweezers made of brass.

- 3.3 Interpretation of the deflection : Relative values are being shown.  
 This shows if an object is strong, weak or not at all magnetic.

2 or 3 red lamps light up : The object is relatively weak magnetic and can be demagnetized with the Greiner Magnomatic until all lamps are off.

4 red lamps light up : The object is relatively strong magnetic. Press weakener (1/4); this will show a quarter of the effective magnetism. Demagnetize the object with the Greiner Magnomatic until it shows a noticeable weaker magnetism without using the weakener (1/4).

-----