

MAGNET-O



8804

SWISS MADE 



Démagnétiseur MAGNET-O

Entmagnetisierer MAGNET-O

MAGNET-O demagnetiser

Desmagnetizador MAGNET-O



120 x 120 x 40 mm



517 g



BERGEON
 MANUFACTURED

1. Introduction

Magnetic fields influence the accuracy of mechanical watches, which may cause them to run fast or slow. It is advisable to demagnetise after each overhaul or cleaning of the mechanism, whether assembled or disassembled. Tools used on workbenches such as screwdrivers, hand levers, tweezers, etc., can also be a source of magnetism. Therefore, it is recommended to demagnetise them periodically.

With a simple press of the **DEMAG** ③ button, the **MAGNET-0** allows for the demagnetisation of objects such as watch movements, components, or tools. An integrated indicator shows the state of magnetisation: it lights up **RED** when magnetism is high and **BLUE** when it is minimal.

2. Precautions

The device generates a powerful low-frequency magnetic field !

Do not approach individuals with a pacemaker, insulin pump, or any electronic or magnetic medical aid. **Maintain a safety distance of at least 2 metres.**

The accumulator poses a fire risk if used improperly, in contact with liquids, in the presence of metallic dust, or near an intense heat source.

Do not open the device.

The emitted magnetic field may disrupt the operation of sensitive devices.

Do not use on a quartz watch.

When using on a complete mechanical watch movement, please consult the manufacturer’s instructions beforehand.

3. Product description

3.1. Contents of delivery

Carrying case – Demagnetising device – USB-A / USB-C cable – User manual

3.2. Device presentation



- ① Target (demagnetisation area)
- ② **SENSOR**: indicator of the level of magnetism
- ③ **DEMAG**: demagnetisation button
- ④ **BATTERY**: battery level
- ⑤ ON/OFF button
- ⑥ USB-C port



Sensor Sensitivity **SENSOR***

WHITE < 120 μ T Non-magnetic	BLEU 120 - 400 μ T Weakly magnetic	ROUGE > 400 μ T Magnetic

Battery level*

0 %	20 %	50 %	> 50 - 100 %

* Indicative values

3.3. Features

Charging: performed via USB, with an intensity of 0.6A at a voltage of $5V \pm 10\%$.

Charging time: ~ 6 hours.

Usage duration on a single charge: approximately 400 starts and demagnetisations.

Ability to work while charging.

Self-discharge: negligible (several years).

Intensity of the demagnetisation magnetic field: ~ 40 mT at the peaks.

Energy of a demagnetisation: ~ 7 J.

3.4. CE compliance

This device meets the requirements of CE marking based on EU directives (CE/EEC). The details are included in the EU Declaration of Conformity, which is available from the manufacturer.

Technical modifications to the device must be authorised by the manufacturer.

4. Before first use

4.1. Charge the battery

Connect the device to a USB charger providing at least 0.6A (e.g. a phone charger). On the side of the USB-C port ⑥, a red light indicates that charging is in progress (see *fig. 1*). This light turns green once the charge is complete. It is recommended not to leave the device continuously charging, as this may reduce the battery's lifespan.



fig. 1

5. Operation

5.1. Turning on the device

To switch on the device, press the ON/OFF button ⑤. The device is ready for use.

5.2. Turning off the device

Hold down the ON/OFF button ⑤ for 2 seconds to turn off the device. It will automatically shut down after 3 minutes of inactivity.

5.3. Measuring magnetisation

Magnetisation is measured at the centre of the target ① on the device.

The result is indicated by the colour of the **SENSOR** ② indicator (see illustrations in section 3.2.).

5.4. Demagnetisation

1. Place the object to be demagnetised at the centre of the target ①.
2. Press the **DEMAG** ③ button for ½ second to start the cycle.
The **DEMAG** ③ indicator will begin to flash orange to indicate that the process has begun.
The device prepares its energy reserve for a few seconds.
Demagnetisation occurs (a slight sound is generated by the magnetic vibrations).
3. When the **DEMAG** ③ indicator stops flashing, the process is complete.
4. Check the demagnetisation (see section 5.3.).

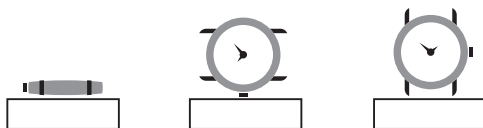
For optimal results:

Répéter l'opération 3 fois en présentant l'objet à
Repeat the operation 3 times, presenting the object to be demagnetised in 3 orthogonal directions (X,Y,Z).

Keep the object still until the flashing ends.

For small parts, immobilise them, for example by placing them in a bag that you hold in your hand.

For optimal demagnetisation of a movement, ensure it is stopped before proceeding with the operation.



6. Mise au rebut / traitement des déchets

Entsorgung / Abfallbehandlung

Disposal / waste treatment

Eliminación / tratamiento de residuos



Éliminer l'appareil en conformité avec toutes réglementations locales, régionales, nationales et internationales.

Il ne doit pas être jeté avec les ordures ménagères.

Entsorgen Sie das Gerät in Übereinstimmung mit allen lokalen, regionalen, nationalen und internationalen Vorschriften.

Es darf nicht mit dem Hausmüll entsorgt werden.

Dispose of the appliance in accordance with all local, regional, national and international regulations.

It must not be disposed of with household waste.

Elimine el aparato de acuerdo con la normativa local, regional, nacional e internacional.

No debe desecharse con la basura doméstica.

7. Coordonées du fabricant

Angaben zum Hersteller

Manufacturer's contact

Contacto del fabricante

Bergeon SA

Allée des Défricheurs 4a
2300 La Chaux-de-Fonds
Switzerland

Tel. +41 32 933 60 00
info@bergeon.ch

