



***HB9161V***

# Microinstrument Demagnetizer, 110V



**Operating Manual**  
Page 3

**ENGLISH**

















# Contents

1	Symbol descriptions .....	4
2	Introduction .....	4
3	Scope .....	5
3.1	Intended Use .....	5
3.2	Contraindications.....	5
4	Warning.....	5
5	Main Technical Parameter .....	6
6	Handling .....	6
7	Cleaning .....	6
8	Storage.....	7
9	Warranty / Repair .....	7
10	Manufacturer and servicing address.....	7

# 1 Symbol descriptions

Symbol	Definition
	CE-labelling
	Attention
	Manufacturer
	Lot-description
	Reference code
	Medical device / FDA Prescription device
	Medical device
	Non sterile
	Keep away from sunlight
	Dry storage required
	Kein Eingriff an Patienten mit Herz-Schrittmacher
	(Electronic) instruction for use

# 2 Introduction

Our products are exclusively intended for professional use by appropriately trained and qualified personnel and may only be acquired by them. By purchasing this product, you are now the owner of a high-quality product whose use and correct handling are described in the following. In order to minimize possible risks to patients and users, please observe these instructions carefully.

### 3 Scope

The product is used in various procedures. The procedure may only be carried out by suitably trained and qualified specialist personnel.










#### 3.1 Intended Use

A hand-held unit that quickly eliminates magnetic attraction of surgical needles to stainless steel instruments. It features a foam cushion to protect instruments from accidental contact to the unit.

#### 3.2 Contraindications

No contraindications are known.

### 4 Warning

	Medical products are delivered in a non-sterile condition and must be cleaned and disinfected prior to their initial use.
	The use of faulty instruments is in principle forbidden and they have to go through the whole cleaning process before return.
	Please observe the additional information enclosed with the products.
	Avoid improper throwing or dropping of products.
	A visual inspection of the product for damage and contamination must be carried out before each use!
	<b>DO NOT USE</b>
	If you have a PACEMAKER or other electronic medical device
	If the products are used on patients with transmissible spongiform encephalopathy or HIV infection, we decline any responsibility for their reuse.
	Any serious incident that has occurred in relation to the device should be reported to the manufacturer and the competent authority of the Member State in which the user and/or patient is established.

## 5 Main Technical Parameter

- Input voltage: AC 100-120V 50/60Hz
- Output: 80W / 0,8A
- Magnetic area: 24 x 28mm (see figure 1)
- Dimensions: 106(L) x 77(W) x 38(H)mm
- Weight: 390g
- Power will be shut off automatically once the temperature of inner coil is higher than 80°C.
- With LED indicator (see figure 1)
- Magnetize or demagnetize small parts



Figure 1

## 6 Handling

For use in various surgical disciplines must be done by appropriately trained and qualified personnel.

1. Plug cord into appropriate outlet for grounded plug (110-120 volts, AC only)
2. Hold demagnetizer and depress the ON switch, with finger.  
**Note: The ON switch must be depressed at all times during use to keep the demagnetizer on. Failure to keep the ON switch depressed will turn the demagnetizer off.**
3. Hold the instrument in the other hand and place the instrument over the demagnetizer with the bottom of the box lock in line with the outer edge of the demagnetization area, with instruments lying on the surface of the demagnetizer. (see figure 2)  
**Do not place pressure on the instrument.**
4. Continuing to hold the switch in the ON position, slowly withdraw the instrument towards yourself, keeping the tip of the instrument touching the demagnetization area at all times until you have withdrawn the top of the instrument over the entire width of demagnetization area.
5. Withdraw the instrument to at least 8 inches from the demagnetizer. The ON switch can then be released and the demagnetizer will be shut off. The instruments should then be free of magnetic charge. (see figure 3)



Figure 2



Figure 3

## 7 Cleaning

The demagnetizer can be wiped using a cloth dampened with standard disinfectant and so kept clean using the simplest possible method. Avoid allowing cleaning fluid and disinfectant to penetrate into the unit.

## 8 Storage



Store products in a dry, clean and dust-free environment at moderate temperatures from 5°C to 40°C. Protect from the effects of the sun's rays and artificial light.

## 9 Warranty / Repair

Our products are manufactured from high-grade materials and carefully checked prior to dispatch. However, even if used properly in accordance with their intended purpose they are subject to a greater or lesser degree of wear depending on their intensity of use.

This wear is technically induced and unavoidable.

Should faults occur independently of wear, please contact our customer services. Defective products should no longer be used.

They must undergo the complete preparatory treatment process before being returned.

## 10 Manufacturer and servicing address

Should you require the instructions for use in paper form, please use the contact details below. The instructions for use in paper form will be made available to you within seven calendar days of receipt of the request.

Alternatively, you can print out the electronic instructions for use yourself.



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