

## HEINE mini 3000® Battery Handle



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med 3306      2013-12-06





Please read and follow these instructions for use and keep them for future reference.

## General Conditions of Warranty

Instead of the statutory warranty time period of 2 years, HEINE will grant a guarantee of 5 years from the date of the consignment of the goods ex works, concerning its equipment (excluding disposables, e.g. bulbs, single-use articles, and rechargeable batteries). Date of consignment means that HEINE hands the goods over to the transport carrier, freight forwarder or any other person designated by the Customer for the transport of the goods without loading the collecting vehicle.

The guarantee covers irreproachable workmanship, on condition of the proper use of the equipment and the observation of the operating instructions. During the warranty- and guarantee time period, errors and deficiencies arising on the equipment will be rectified free of charge, in so far as such are evidenced by defective materials, processing and/or constructional errors. Should buyer complain of a material deficiency during the warranty time period, then the onus of proof is always to be on the orderer, that the product was defective already upon receipt of the goods. The statutory warranty and the guarantee do not apply to loss or damage caused by wear and tear, negligent use, the non-employment of original HEINE components and/or spares (in particular bulbs, as these have been especially developed for HEINE instruments in accordance with the following criterions: colour temperature, useful service life, safety, optical quality and performance. The statutory warranty and the guarantee do not apply to interventions by persons not authorised by HEINE or when the operating instructions are not observed by the customer. Any modification of a HEINE product with parts or additional parts which do not conform to the original HEINE specification will invalidate the warranty for the correct function of the product and further invalidate any warranty claims which result from such a change or modification. Further claims, in particular claims for replacement of loss or damage, which are experienced otherwise than directly on the HEINE product itself, are hereby excluded.



**For U.S. only:**

**Federal law restricts this device to sale by or on the order of a Physician or Practitioner!**

## Warnings and Safety Information



**CAUTION!** Indicates potential hazardous situations. Ignoring the corresponding instructions may lead to dangerous situations of mild to moderate extent. (Background color yellow; foreground color black).



**NOTE!** Indicates valuable advice in terms of installation, operation, maintenance or repair. Notes are important, but not related to hazardous situations.

## Intended Use

The HEINE mini 3000® battery handle should only be used for operation to power HEINE mini 3000® instruments.

## Operate

### Batteries:

- 2 alkali cells (AA /LR 6)

Important: Do not use alkali manganese batteries with lithium as bulb life will be reduced.

- The HEINE mini 3000® battery handle can be charged in the HEINE mini NT® with the HEINE mini 2Z rechargeable battery 2,5 V.

### Charging time:

- The mini NT indicates when the rechargeable battery is fully-charged. The illuminated ring is lit continuously.
  - mini 2Z rechargeable battery (2,5 V, NiMH = ca. 4 h (730 mAh)

### Instrument connector:

Internal thread in handle head (1).

### Switching on:

Push switch (2) down.

### Switching off:

Push switch up. If the handle is put back firmly into a coat pocket the handle is automatically switched off.

### Changing the batteries:

Unscrew the end-cap (3) and shake out the old batteries. Insert new batteries with the plus contact facing the handle head.

## Hygienic Cleaning / Processing

The handle can be cleaned with a damp cloth (e.g. alkaline or pH- neutrale detergent).

For cleaning disinfection of the outer surface we recommend the so called **wipe disinfection** by using detergents, which are released for Medical Devices made out of plastic. Disinfection by spraying or immersion as well as sterilisation is not allowed.

## Maintenance

This product does not require regular maintenance.

## Service

This product does not require regular service.

## Disposal



The product must be recycled as separated electrical and electronic devices. Please observe the relevant state-specific disposal regulations.

## General Notes and Warnings



Check the correct operation of the product at regular intervals. Do not use the equipment if it shows visible signs of damage.

- Safety information according to the international standard IEC 60601-1  
“Electric Safety of Medical devices”

Do not open the instrument / battery handle in the vicinity of the patient.



This product is a precise optical instrument. Please handle this product with care and store it in a clean place.



This product is not allowed to be entered or used in strong magnetic fields like MRI scanners.

## Explanation of utilized symbols

The following symbols are used on the device or on the packaging:

	The CE mark indicates that the product complies with the European medical device directive 93/42/EEC.
	Catalogue- or reference number
	Serial number
	Manufacturer
	Date of manufacture
	Product bearing this symbol may not be disposed of together with general household waste, but instead requires separate disposal according to local provisions. (European Waste Electrical and Electronic Equipment Directive, WEEE)
	Temperature limits in °C for storage and transport
	Temperature limits in °F for storage and transport
	Humidity limitation for storage and transport
	Please read and follow the instructions for use and keep them for future reference (background color blue; foreground color white)
	Fragile, handle with care!
	Keep dry
	Interference may occur in the vicinity of equipment marked with the following symbol
	“Grüner Punkt” (country-specific)