

Voltage: 230 V is the standard voltage for mains instruments. If a different voltage is required, e.g. 120 V, please specify when ordering.

Note: HEINE rechargeable power sources and transformers conform to the IEC 60601-1 Standard.



All 3,5V rechargeable handles are also available from HEINE with Lithium-Ion technology, except alpha+, BETA SLIM and small F.O. Laryngoscope handles.

- ✦ **Double the capacity** - up to 120min working time without recharging.
- ✦ **Lightweight and convenient.**
- ✦ **No more memory effect.** Full capacity whenever needed.

- NiMH batteries:**
- ✦ **30% more capacity**
 - ✦ **Environmentally-friendly**

The HEINE BETA® Range of Handles

One module. Multiple changing options.



The handle module **X-000.99.010** is the basis of every BETA handle. By adding the appropriate bottom modules it is possible to assemble any of the handles shown on this page. A BETA battery handle can also be converted to a rechargeable handle in this way.

All BETA handles feature short-circuit protection and a continuous brightness control.

BETA handle module	X-000.99.010
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BETA Battery Handle	2.5V
BETA battery handle 145x30mm dia. (batteries not included)	X-001.99.118

BETA extension piece. Converts any BETA handle into a 3.5V battery handle – will not fit case	X-000.99.020
BETA Bottom insert	X-000.99.119

▶ **NEW DESIGN !**



BETA NT Rechargeable Handle	3.5V
BETA NT rechargeable handle 145x30mm dia., with NiMH rechargeable battery	X-002.99.411
same, with NT200 charger. This handle/charger system features fully-automatic charging with overcharge protection.	X-002.99.420
Two handles can be charged in the NT 200 independently.	X-002.99.420

BETA NT handle with Li-ion rechargeable battery	X-007.99.411
2 BETA NT handles with NT200 charger and 2 Li-ion rechargeable batteries	X-007.99.422
same, with NT 200 charger	X-007.99.420
BETA NT bottom insert	X-002.99.412

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The HEINE BETA® Range of Handles



BETA TR Rechargeable Handle	3.5V
BETA TR handle 145x30 mm dia., with transformer and NiMH rechargeable battery. The BETA TR handle is charged by an external transformer. An LED indicates whether the handle is being charged. The special handle rest prevents it from rolling away.	X-002.99.384
same, with Li-ion rechargeable battery	X-007.99.384
BETA TR with NiMH rechargeable battery, without transformer	X-002.99.386
same, with Li-ion rechargeable battery, only	X-007.99.386
Transformer for BETA TR rechargeable handle	X-000.99.308
BETA TR bottom insert	X-002.99.385



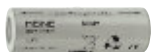
BETA R Rechargeable Handle	3.5V
BETA R 170x30mm dia., with NiMH rechargeable battery. The BETA R 3.5V handle can be charged directly in the mains socket or outlet after unscrewing the cap.	X-002.99.376
same, with Li-ion rechargeable battery	X-007.99.376
BETA R bottom insert	X-002.99.377



BETA Cord Handle	2.5/3.5/6V
BETA cord handle 145x30 mm dia., for 2.5V, 3.5V or 6V connection, maximum cord length extended: 3 m	X-000.99.212
BETA cord handle bottom insert (with cord)	X-000.99.213



Recommended power sources for BETA Cord Handle	2.5/3.5/6V
Table Top Transformer E9, for all 2.5V, 3.5V and 6V instruments	X-095.13.200
Plug-in transformer E7. An economically-priced power source for the 6V hand-held indirect ophthalmoscope	X-095.16.100



NiMH rechargeable battery 3.5V for BETA rechargeable handles	X-002.99.382
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Li-ion rechargeable battery 3.5V for BETA rechargeable handles, US Pat. 7,056,619	X-007.99.381
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BETA Belt Clip	X-000.99.008
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HEINE Large Battery Handle



Dimensions: 165x37 mm dia. Weight: 212 g without batteries, 505 g with batteries.
A large handle for 2 alkali-manganese batteries IEC LR20/D cells.
Designed for countries where larger batteries are still preferred.
(Only suitable for certain instrument cases.) Batteries not included.

Large battery handle	2.5V	
Battery handle for 2 alkali-manganese batteries, size D		X-001.99.120

HEINE BETA SLIM® Battery/Rechargeable Handle



Dimensions: 135x19 mm dia. Weight: 180 g
A compact handle with automatic connector for those who prefer a slim handle.
Rechargeable in NT200 charger fitted with the small adaptor ring.
Batteries not included.

BETA SLIM battery/ rechargeable handle	2.5V	3.5V
BETA SLIM battery handle	X-001.99.105	
BETA SLIM rechargeable handle with 3.5V M3Z NiMH battery		X-002.99.471
BETA SLIM rechargeable handle with 3.5V M3Z NiMH rechargeable battery and NT200 charger with small adaptor set		X-002.99.470
Rechargeable battery 3.5V M3Z NiMH		X-002.99.106



HEINE alpha+® Handle

With threaded connector.



- **Durable metal construction, chrome matt finish.** Reliable and durable.
- **Constant control of brightness with power indicator.** Precise light adjustment.
- **2.5V battery or 3.5V NiMH rechargeable battery.** Environmentally-friendly rechargeable handle with high capacity.
- **Attachment clip.** Ideal for the vest pocket.
- **Rechargeable in NT 200 B charger.**

alpha+ Handle	2.5V	3.5V
alpha+ handle with batteries IEC LR6 (AA size)	D-001.89.051	
alpha+ handle with rechargeable battery NiMH M3Z		D-002.89.053
Rechargeable battery NiMH M3Z, only		X-002.99.106

HEINE mini 3000® Battery Handle

Patent # 102006054068.9-35

Innovative, compact battery handle in a high-quality, modern design. Suitable for all mini 3000 instruments.



- **High-quality handle: Chrome-finish upper section/refined plastic.** Shockproof, sturdy, non-slip.
- **Attachment clip with integrated on/off switch.** Secure. Switches off automatically when returned to the pocket.
- **Oval, compact, stylish shape.** Lies ergonomically in the hand.
- **Screw-on end cap.** For easy battery change.
- **Threaded connector made of metal.** Prevents wear.
- **Complete range of mini 3000 instruments.** Versatile range.
- **Replaceable batteries.** Size AA.
- **Registered Design.**

mini 3000 Battery Handle	2.5V
with two dry batteries IEC LR6 (AA size)	D-001.79.021

All handles are fitted with batteries (IEC LR 6 AA size). mini 3000 handles can be supplied in black or blue. Please specify the colour you prefer when ordering. If not otherwise specified, we will supply black instruments.

HEINE NT 200® Charger

► NEW DESIGN !



Dimensions: Width 130 mm, Height 60 mm, Depth 75 mm. Weight 400 g.
The NT200 charger automatically charges HEINE rechargeable batteries irrespective of their state of charge or their output voltage. The rechargeable battery cannot be over-charged. With the appropriate adaptor set it is possible to recharge all BETA NT, alpha+ and BETA SLIM rechargeable handles in the same NT200.

- ∴ **One charger for all handles.** Simplicity itself.
- ∴ **Automatic charging.** Reduced charging time, increased battery life.
- ∴ **Two independant charging compartments.** For one or two handles at a time.
- ∴ **Suitable for wall-mounted, table-top or built-in use.** Suits all customer needs.
- ∴ **Compact design.** Saves space.
- ∴ **Equally-suitable for HEINE NiMH or Li-ion rechargeable handles.**

NT 200 Charger	3.5V
Charger without handle, with adaptor for BETA handles	X-000.99.403
Charger, incl. adaptor set for BETA SLIM and alpha+ handles	X-000.99.413
Two large adaptors (3) for BETA handles	X-000.99.084
Two adaptor sets (1)+(2) for BETA SLIM and alpha+ rechargeable handles	X-000.99.083
Wall-mounting bracket	X-000.99.434

HEINE alpha+® NT 200 B Charger



Technically the same as to NT200. Comes with small diameter adaptors.

Charger alpha+ NT 200 B for alpha+ handles	3.5V
Charger alpha+ NT 200 B with adaptors, without handle	X-000.99.444
Charger alpha+ NT 200 B with one alpha+ handle	D-002.99.448
as above with two alpha+ handles alpha+	D-002.99.449

HEINE Illumination adaptor



Can be attached to any HEINE 3,5V power source to illuminate any HEINE fiber optics instrument e.g. anoscope, proctoscope or sigmoidoscope.

Illumination adaptor	3,5V
Illumination adaptor 3,5V	X-002.98.002
XHL Xenon Halogen spare bulb	X-002.88.078

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HEINE Lamp Handle



6V/4.2W
Economically-priced light source ensuring bright illumination for Fiber Optic instruments such as anoscope, proctoscope, sigmoidoscope.

Length of cord: 2 m. Cinch plug for connection to a 6V power source.
Recommended power source: E7, E9.

Lamp Handle	6V
with switch and XHL Xenon Halogen bulb	X-004.99.607
same without switch	X-004.99.606
Spare bulb	X-004.88.060
Extension cord. Suitable for all HEINE instruments and power sources with Cinch connector. Length of cable 1.6 m.	X-000.99.207

HEINE Cord switch



On/Off switch. Suitable for all HEINE instruments and power sources with Cinch connector.

Cord switch	X-095.16.202
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Plug-in transformer HEINE E7®



6V/6W max. Power source, suitable for lamp handle or BETA Cord Handle.

E7	6V
Plug-in transformer E7	X-095.16.100
same, with lamp handle	X-095.16.101
same, with lamp handle and switch	X-095.16.102

Plug-in transformer HEINE E8®

Power source for SIGMA KC



6V/10W Powerful, economically-priced electric supply unit.

E8	6V
Plug-in transformer E8	X-095.16.201
same, with cord switch	X-095.16.200

Plug-in transformer for the HEINE 3SLED HeadLight®



9V/16W. Powerful electric supply unit for the 3S LED HeadLight.

	9V
Plug-in transformer for 3S LED	X-095.16.310

Table top transformer HEINE E9®



2.5V/3.5V/6V/0.8 A max. (suitable for all cord handles with Cinch plug).
For all 2.5V and 3.5V instruments and for the 6V lamp handle.
Dimensions: Width 110mm, Height 70mm, Depth 170mm. Weight: 660g.

- **Choice of voltage.** Versatile – equally suitable for oto- and ophthalmoscope as for proctological use.
- **Durable yet compact with non-slip rubber feet.** Tough, non-slip design.

E9	2,5V/3,5V/6V
Table top transformer E9	X-095.13.200

Please note: Older cord handles with a dual-branch plug system can be adapted by replacing this with a Cinch plug.

Wall Transformer HEINE EN50® UNPLUGGED

Intelligent charger for mPack UNPLUGGED



• Charger and wall-mount in one

• Intelligent charging system

- **Charger and wall-mount in one.** The wall transformer serves as an instrument holder and a charger at the same time.
- **Intelligent charging system.** Unit automatically shuts off and goes into charging mode when placed in wall transformer. It is impossible to overcharge the mPack UNPLUGGED; the process ends automatically when charging is completed.
- **Simultaneous charging.** The charging system charges the battery on the headband as well as an additional single spare battery.
- **Compatible transformer (100 – 240V).** Multi-voltage power supply unit incl. 4 different mains adaptors.
- **Registered Design.**

EN 50 UNPLUGGED	6V
Wall unit EN50 UNPLUGGED (without mPack UNPLUGGED)	X-095.17.310

HEINE mPack® UNPLUGGED



• Headband battery (rechargeable)

• LED charge status display

Rechargeable battery for OMEGA 500 Indirect Binocular Ophthalmoscope UNPLUGGED and 3SLED HeadLight UNPLUGGED.

- **Lightweight with balanced weight distribution.** High level of comfort. Lightweight and compact.
- **LED charge status display.** LED display of remaining operating time.
- Can be recharged by **wall- or plug-in transformer.**
- **Direct operation possible while charging** through the use of the mobile plug-in transformer.
- **Charging time:** 2 hours.
- **Operating time:** 2 hours.
- **Intelligent charging system.** Automatic changeover from operating to charging mode (in the wall unit). Battery-friendly charging.
- **Top safety standards.** Integrated charge and performance checks during operation. Lithium polymer technology (selected non-flammable materials). UL-compliant.
- **Registered Design.**

mPack UNPLUGGED	6V
mPack UNPLUGGED	X-007.99.665
Transformer UNPLUGGED for mPack UNPLUGGED	X-095.16.316
Lithium-Polymer rechargeable battery for mPack UNPLUGGED	X-007.99.680
Extension Cord transformer / UNPLUGGED, 2 m	X-000.99.668



Headband Rheostat HEINE HC 50®

Fingertip Illumination Control for OMEGA500 / UNPLUGGED



- ∴ **Left or right sided Mounting Options** – can be mounted on the right or left side of the OMEGA Headband.
- ∴ **Can be combined with EN 50 and mPack.**
- ∴ **100–240 V Compatible Transformer** incl. 4 plugs for world wide compatibility.
- ∴ **For use with OMEGA500 only.**

HC 50	6V
HC 50 Headband Rheostat with transformer HC50, Connecting cord	X-095.16.324
HC 50 Headband Rheostat (without transformer)	X-095.16.323

HEINE mPack®



∴ Li-ion Battery

∴ Battery Capacity Indicator

∴ Fast Charge

- ∴ **Freedom from cables** that tie the user to desk, wall or stand based power supplies.
- ∴ **Triple the Capacity with Li-ion Technology.** Compared to current NiCd systems. More than double of other Li-ion systems. No memory effect.
- ∴ **Fast Charge.** Charges to full capacity in just 2 hours.
- ∴ **Battery Capacity Indicator.** Always lets you know how much operating charge you have left.
- ∴ **Flexible Charging Options.** Charge in the EN50 base station, or with mobile transformer.
- ∴ **Intelligent.** automatically switches to “charge” mode when inserted in EN50. Can also be used as mains power supply even while in “charge” mode.
- ∴ **Automatic remote power adjustment** for compatibility with all HEINE 6V and selected LED instruments (patent pending).
- ∴ **Flexible Illumination Control.** can be used in conjunction with HC50 Headband Mounted Rheostat.
- ∴ **100–240V Compatible Transformer** incl. 4 plugs for world wide compatibility.
- ∴ **Registered Design.**

mPack	6V
EN50-m Wall/Table unit with mPack, (incl. 90° Angled Adaptor, 2 m Connecting cord, Instrument support)	X-095.17.302
mPack with Li-ion rechargeable battery and transformer	X-007.99.672
mPack with Li-ion rechargeable battery, without transformer	X-007.99.671
Li-ion rechargeable battery for mPack	X-007.99.676
Transformer for mPack	X-095.16.315
Plug-in 90° Angled Adaptor (for EN 50/mPack)	C-000.33.509



Wall- / Table-Transformer HEINE EN 50®

Modular Power Supply System



- ∴ Modular Power Supply System
- ∴ Soft Start Technology
- ∴ Switches off automatically



The EN 50 Modular Power Supply System (patent pending) offers unsurpassed flexibility and innovative new features. It powers the OMEGA500 and 3SLED and automatically adjusts output to power all existing HEINE 6V and selected LED (Examination Lights) products (patent pending). The EN 50, mPack and HC 50 Headband Mounted Rheostat can be combined in every conceivable configuration.

- ∴ **Modular**, compact design functions as the base for Tabletop or Wall Mounted use and as charging base for the mPack Mobile Charging System (patent pending).
- ∴ **Upgradeable**. Switches to mPack charging base with simple removal of the control module.
- ∴ **Soft Start Technology**. A gradual introduction of current reduces bulb “shock” and extends bulb life.
- ∴ **100 – 240 V Compatible Transformer** incl. 4 plugs for world wide compatibility.
- ∴ **Registered Design**.

EN 50	6V
EN 50 Wall/ Table unit with Rheostat Control Module (incl. 90° Angled Adaptor, 2 m Connecting cord, Instrument support)	X-095.17.301
Rheostat Control Module for EN50	X-095.17.305
EN50 Base unit (without Rheostat Control Module)	X-095.17.300
Plug-in 90° Angled Adaptor (for EN50/mPack)	C-000.33.509

HEINE EN 100® Wall Transformer

Performance you can depend on



EN 100

- ∴ **The EN 100 provides a constant 3.5V output voltage independent of mains voltage fluctuations.** Economical in use, always the right amount of light and environmentally-friendly, no batteries necessary.
- ∴ **Magnetic On/Off mechanism. No moving parts that can wear out or be damaged.** Durable and maintenance-free. Once selected, the brightness remains the same.
- ∴ **Soft start avoids current surge during the switch-on phase.** Protects bulbs in the critical switch-on phase and prolongs bulb life. Economical in use.
- ∴ **Advanced, ergonomic handle design.** Continuous brightness control on the handle. Quality spiral cords with a comfortable working radius of up to 3 m. Instrument locks as standard equipment prevent unauthorised removal.
- ∴ **Flexible extension option.** Freely expandable with additional extension unit.

EN 100 Wall Transformer	3.5V
EN 100-1* (Single Unit with one handle)	X-095.12.109
EN 100* (Basic Unit with two handles)	X-095.12.110
Extension Unit*	X-095.12.135

*without instruments

- ∴ Soft Start Technology
- ∴ Lockable handles
- ∴ Magnetic On/Off mechanism
- ∴ Optional Extension Unit

EN 100 with Extension Unit



EN 100-1



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