

HEINE BETA® 4 Handle Range – Next-generation energy management

- ∴ **One handle for all applications:** A well thought out range combines everybody's needs and all technologies. Choice of power sources from basic alkaline batteries up to latest Li-ion technology.
- ∴ **4 handle options:**
 - **BETA drycell handle**
 - **BETA 4 USB rechargeable handle** with USB cord and medical approved plug-in power supply
 - **BETA 4 NT and BETA 4 SLIM NT rechargeable handle** for NT4 Table Charger
- ∴ **Compatibility during your entire career.** The new BETA4 Rechargeable Handles are compatible with all 3.5V XHL and LED HEINE instruments.
- ∴ **Complete freedom of choice:** One basic handle for any situation. Decide between dry-cell or rechargeable; enhanced mobility with USB charging or convenient desk charging in the new HEINE NT4 Table Charger.

HEINE BETA® Handle Module



The handle module X-000.99.010, 145 mm x 30 mm dia., is the basis of every BETA handle. By adding the appropriate bottom inserts 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 ceramic brightness control.

BETA handle module

X-000.99.010

HEINE BETA® Battery Handle



BETA Battery Handle

2,5V

BETA battery handle
(batteries not included; appropriate batteries: IEC LR14)

X-001.99.118

BETA Bottom insert

X-000.99.119

HEINE BETA® SLIM Battery Handle



Dimensions: 135 mm x 19 mm dia. Weight: 180g.

A compact handle with automatic connector for those who prefer a slim handle. Batteries not included.

BETA SLIM battery handle

2,5V

for 2 alkali-manganese batteries, size AA

X-001.99.105

HEINE BETA® 4 Rechargeable Handles

Next-generation energy management

EXCLUSIVELY AT HEINE

- Exclusive Automatic Connector
- Li-ion technology
- Charge Status Indicator
- USB – flexible and convenient charging option

- ∴ **High-quality metal construction** for strength and durability.
- ∴ **Exclusive Automatic Connector with locking design.** No metal on metal friction which can wear out over time, for a secure fit for the lifetime of your instruments.
- ∴ **Deep Battery Discharge Protection:** Integrated safety system protects your investment by preventing batteries from completely draining; thus ensuring maximum battery life.
- ∴ **Familiar brightness control:** Rheostat for continuous brightness control with power level indicator.
- ∴ **Li-ion technology:** no “memory effect”. Charge your handle how you like without worrying about charge level or battery condition.
- ∴ **Extended ON time:** work typ. 6 weeks between recharging with LED instruments.
- ∴ **Quick charge.**
- ∴ Slightly knurled finish of the handle provides a **non-slip grip but is easy to clean and disinfect.**
- ∴ **Charge Status Indicator** in the bottom insert: the indicator shines orange if the battery needs to be recharged. In the BETA4 USB Handle the indicator blinks green during the charging process and shines permanently green as soon as it is fully charged.

BETA 4 NT rechargeable handle for NT4 table charger

- ∴ **Ready-to-use Function.** Handles switch ON & OFF automatically when placed into charger. Set your desired brightness level once and it stays there every time you use your instrument. Also prevents battery damage and premature bulb burn outs if the instruments are accidentally left on.



	3.5V Li-ion
Rechargeable handle complete with Li-ion rechargeable battery and BETA4 NT bottom insert	X-007.99.396
BETA4 NT bottom insert	X-002.99.394
Li-ion rechargeable battery for BETA 4 rechargeable handle	X-007.99.383

BETA4 USB Li-ion rechargeable handle

- ∴ **Maximum safety.** You can charge your HEINE BETA 4 USB handle with any USB plug or other USB power source, with absolute peace of mind. The BETA4 USB handle has an integrated, exclusive Galvanic Separation Module that protects the handle, and the user, even if a faulty or inferior plug is used; thus preventing the possibility of the full mains voltage flowing directly to the handle. We do however recommend the use of a medical approved plug-in power supply.



	3.5V Li-ion
Rechargeable handle complete with Li-ion rechargeable battery, BETA4 USB bottom insert, USB cord with medical approved plug-in power supply and handle rest	X-007.99.388
Rechargeable handle complete with Li-ion rechargeable battery and BETA4 USB bottom insert (without additional accessories)	X-007.99.387
Li-ion rechargeable battery for BETA4 rechargeable handle	X-007.99.383
BETA4 USB bottom insert	X-002.99.395
USB Cord [01] with E4-USB plug-in power supply [02]	X-000.99.303
E4-USB Medical approved plug-in power supply [02]	X-000.99.305



HEINE BETA® 4 SLIM NT Rechargeable Handle



Dimensions: 135 mm x 19 mm dia. Weight: 180 g.

A compact handle with automatic connector for those who prefer a slim handle. Rechargeable in NT4 table charger fitted with the small adaptor ring.

BETA4 SLIM NT rechargeable handle	3.5V Li-ion
Rechargeable handle complete with rechargeable battery M3Z 4 NT Li-ion and BETA4 SLIM NT bottom insert	X-007.99.474
BETA4 SLIM NT bottom insert	X-000.99.110
Rechargeable battery M3Z 4 NT Li-ion	X-007.99.380

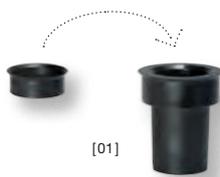
HEINE® NT 4 Table Charger



Dimensions: Width 142 mm, Height 61 mm, Depth 66 mm, Weight 235 g.

With the appropriate adaptor set all BETA4 NT and BETA4 SLIM NT rechargeable handles can be charged in the NT4 table charger. The same applies to all Standard F.O. 4 NT, F.O. 4 SLIM NT and F.O. 4 SHORT NT laryngoscope rechargeable handles.

- ∴ **Innovative, compact design.** Practical and space-saving.
- ∴ **Two independent charging wells.** Complete functionality for one or two handles at a time.
- ∴ **Automatic charging.** Independent of the state of charge of the rechargeable battery. Guarantees extended battery life.
- ∴ **Cannot be overcharged.** Charger switches off automatically when the battery is fully charged.
- ∴ **Charge status indicator.** Light pulses from the charging well to confirm the charging mode. Continuous light indicates that the charging process has been completed.



[01]

NT4 table charger	
without handle, with adaptor. For BETA4 NT rechargeable handles, Standard F.O. 4 NT and F.O. 4 SHORT NT laryngoscope rechargeable handles. BETA4 SLIM NT rechargeable handles and F.O. 4 SLIM NT laryngoscope rechargeable handles (Adaptor set required X-000.99.086).	X-002.99.494
Adaptor set (two pieces) for BETA4 SLIM NT rechargeable handles and F.O. 4 SLIM NT laryngoscope rechargeable handles [01]	X-000.99.086

HEINE BETA® Rechargeable Handles

Our previous handle range with Li-ion and NiMH

Rechargeable Handles shown here are only compatible with previous generation systems and the NT300 Table Charger. The NT300 Table Charger is not compatible with BETA4 generation handles.

 BETA L Li-ion rechargeable handle for NT300 table charger

- ⚡ **Rechargeable handle with Li-ion battery.** Fast charge in typ. 2 hours with the NT300 charger.
- ⚡ **Rechargeable handle with charge status indicator in the bottom insert.** Display lights for 10 seconds when the handle is switched on or removed from the charger.
- ⚡ **No memory effect.** Full power at any time without loss of capacity.
- ⚡ **Updates:** Existing 3.5V BETA handles can be converted to BETA L by substituting the Li-ion L battery and BETA L bottom insert.
- ⚡ **Compatible with previous chargers (NT200).**
- ⚡ **Ready-to-use Function:** If the handle is switched on when replaced in the charger, it automatically switches off. When removed, it switches on again at the previously-selected brightness.


 BETA L Li-ion rechargeable handle for NT300 table charger 3,5V Li-ion L

 Rechargeable handle complete with Li-ion rechargeable battery and bottom insert	X-007.99.395
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 BETA L Bottom insert with charge status indicator	X-002.99.396
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 Li-ion rechargeable battery for BETA L rechargeable handle	X-007.99.383
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BETA NT rechargeable handle for NT300 table charger 3,5V NiMH

Rechargeable handle complete with NiMH rechargeable battery and bottom insert	X-002.99.411
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BETA NT Bottom insert	X-002.99.412
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NiMH rechargeable battery for BETA NT rechargeable handle	X-002.99.382
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BETA SLIM rechargeable handle 3,5V NiMH

135 mm x 19 mm Ø, rechargeable handle with NiMH rechargeable battery and bottom insert	X-002.99.471
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NiMH rechargeable battery for BETA SLIM rechargeable handle	X-002.99.106
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NT300 table charger

for BETA handles and Laryngoscope handles Angled F.O., Standard F.O., Small and Short F.O. (without handle, with adaptor)	X-002.99.495
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Adapter set (two pieces) for BETA SLIM and Small F.O. Laryngoscope Rechargeable Handles [01]	X-000.99.086
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*Due to the increased demands on the charging management function of these rechargeable batteries, a latest generation HEINE NT300 recharging station must be used to properly and fully recharge these rechargeable batteries. Latest generation HEINE NT300 recharging stations can be identified by the serial number on the underside of the recharging station. Recharging stations starting with the serial number **SN 101 1000 001** are compatible.