

**BETA handles:**

- High-quality metal construction for strength and durability.
- Automatic connector: Quick, safe connection.
- Rheostat: Stepless brightness control with power level indicator.
- Knurled handle surface: Non-slip and hygienic.

**LI ION**

All 3.5V rechargeable handles are also available from HEINE with Lithium-Ion technology (except BETA SLIM and small F.O. Laryngoscope handles).

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

**Note:**

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

## The HEINE BETA® Range of Handles

### One module. Multiple charging options.

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****BETA Battery Handle****2.5V**

145 mm x 30 mm dia.

(batteries not included; appropriate batteries: IEC LR14)

**X-001.99.118**

BETA Bottom insert

**X-000.99.119****BETA NT rechargeable handle for NT300 table charger****3.5V NiMH**

145 mm x 30 mm dia. with NiMH rechargeable battery

**X-002.99.411**

BETA NT bottom insert

**X-002.99.412**

: Rechargeable handle with charge status display in the bottom insert.

## The HEINE BETA® Range of Handles

Fast charge capability / 2h

Charge status display

Ready-to-use feature


Charge status:  
100 – 67 %


66 – 34 %



33 – 1 %

## BETA L Li-ion rechargeable handle for NT300 table charger

With LED charge status display in the BETA L 3.5V bottom insert.

- Rechargeable handle with Li-ion battery. Fast charge in 2 hours with the NT300 charger.
- Rechargeable handle with charge status display 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

145 mm x 30mm dia., with Li-ion L rechargeable battery, complete

X-007.99.395

BETA L Bottom insert with charge status display

X-002.99.396



## BETA TR Rechargeable Handle with transformer

3.5V NiMH

3.5V Li-ion

145 mm x 30mm dia., with plug-in transformer. 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

X-007.99.384

BETA TR without transformer

X-002.99.386

X-007.99.386

Transformer for BETA TR rechargeable handle

X-000.99.309

X-000.99.309

BETA TR bottom insert

X-002.99.385

X-002.99.385



## BETA R Rechargeable Handle for mains socket

3.5V NiMH

3.5V Li-ion

170 mm x 30mm dia. The BETA R handle can be charged directly in the mains socket or outlet after unscrewing the cap.

X-002.99.376

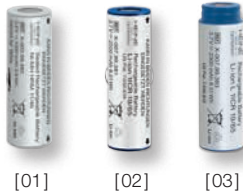
X-007.99.376

BETA R bottom insert

X-002.99.377

X-002.99.377

## HEINE rechargeable batteries for BETA® Handles



Rechargeable batteries	3.5V NiMH	3.5V Li-ion	3.5V Li-ion L
for BETA rechargeable handles	<b>X-002.99.382</b> [01]	<b>X-007.99.381</b> [02]	<b>X-007.99.383</b> [03]

**Please note:** The Li-ion L battery is not compatible with BETA R, TR and NT 3.5V handles and bottom inserts. For information on HEINE Laryngoscope Handles, see pages 073 – 076.

- All full-size BETA handles can be updated to BETA L 3.5V (except BETA SLIM) handles by substituting the Li-ion L 3.5V battery and the BETA L bottom insert.
- Max. 4 hours recharge time in NT300 table charger with NiMH. 2 hours with Li-ion.
- Retro-compatible. All rechargeable batteries can also be charged in existing NT200 and Nicatron chargers.



<b>BETA Belt Clip</b>	<b>X-000.99.008</b>
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: Rechargeable handle with charge status display in the bottom insert.

## HEINE Large Battery Handle



Dimensions: 165 mm x 37 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.

<b>Large battery handle</b>	<b>2.5V</b>
for 2 alkali-manganese batteries, size D	<b>X-001.99.120</b>

## HEINE BETA® SLIM Battery / 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 NT300 charger fitted with the small adaptor ring. Batteries not included.

<b>BETA SLIM battery / rechargeable handle</b>	<b>2.5V</b>	<b>3.5V NiMH</b>
BETA SLIM Battery Handle	<b>X-001.99.105</b>	
BETA SLIM Rechargeable Handle with 3.5V M3Z NiMH battery		<b>X-002.99.471</b>
Rechargeable battery 3.5V M3Z NiMH [01]		<b>X-002.99.106</b>