

HEINE – Compatibility Matrix for Charger, Handle & Battery

Compatibility guide for HEINEs most common Chargers, Handles and Batteries from 1994 to 2022. This covers the majority of product combinations on today's market. Notice! This guide only applies for BETA Instrument handles and does NOT apply for HEINE Laryngoscope handles.

Table chargers



NT 200 launched 1994:
Discontinued in 2011. Compatible with BETA NT and BETA L handles. Notice in the picture where you can find the model name encircled.

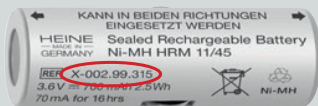


NT 300 launched 2010:
Replaced NT 200, still in production, being phased out. Compatible with BETA NT and BETA L handles. Notice in the picture where you can find the model name encircled.



NT4 launched 2016:
Latest technology with innovative functions and intelligent charging. Only compatible with BETA4 generation handles. Notice in the picture where you can find the model name encircled.

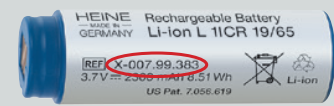
Batteries



X-002.99.315 – NiMH (Nickel Metal Hydride).
(until Aug 2022 called X-002.99.382).
Old technology with estimated life time of 12–18 months. HEINE warranty 12 months.



X-007.99.381 and X-007.99.383 – Li-ion (Lithium-ion batteries).
New technology with estimated life time of up to 60 months.
HEINE warranty 12 months.



Handles



Battery



TR



USB



for NT 200/NT 300



for NT 4



The handle model is always defined by its bottom cap/insert as shown in the pictures. You can always modify BETA handles by exchanging bottom cap/insert and battery. Make sure to combine the handle with a compatible charger. A modification from 2.5V to 3.5V, and vice versa, normally also requires new bulbs with matching voltage for the instrument heads.

A 2.5V handle must only be used with 2.5V bulbs. The DELTA 20T Dermatoscope is the ONLY LED^{HQ}-instrument head compatible with both BETA 2.5V and 3.5V handles.

A 3.5V handle must only be used with 3.5V bulbs or service free LED^{HQ}-instruments.

Charger	Battery	X-002.99.315 and X-002.99.382 NiMH	X-007.99.381 Li-ion	X-002.99.383 Li-ion	LR 14 – Regular C Non Rechargeable (Dry Cell)
	Handle				
NT 200 & NT 300	BETA NT	X	X		
	BETA L			X	
NT4	BETA4 NT			X	
Transformer	BETA TR	X	X		
USB Charger	BETA4 USB			X	
NON Rechargeable	BETA				X

