

HEINE BETA X VET Otoscope



Data

Description	HEINE BETA X VET Otoscope
Technical data catalogue number	G-130.28.330
Document release date	February, 2026

Mechanical

Weight product	118 g
Weight battery	22 g
Weight packing (including product)	785 g
Dimensions product	180 x 39 x 62 mm
Dimensions packing	221 x 63 x 216 mm
Connections	USB-C port
Imprints	front: HEINE logo, BETA X, VET logo; icons: HEINE inSPECT, otoscopy light, on / off back: HEINE made in Germany side: USB-C, 5 V 500 mA, IFU, CE, production year, UDI, serial number, www.heine.com, datamatrix code, eyepiece attachment: HEINE X CHANGE System SL-Magnifier

Electrical

Power supply	Li-ion Cell (internal battery)
Input	5 V DC, 500 mA
Power consumption	max. 1 W
Operating time	typ. 220 min. with 100% brightness
Charging time	typ. 160 min.
Automatic switch-off function	turns off after 5 min.
Protection class	charging: II; operating: internally powered

Optical HEINE inSPECT Additional Examination Light

Type	HEINE LED illumination (HQ)
Illuminance	typ. 21.000 lx at 100mm distance
Color temperature	3.500 K +/- 500 K
Color rendering index (CRI)	typ. CRI > 90
Working distance	50 to 100 mm
Classification according to IEC 62471	risk group 2 (moderate risk)

Optical Otoscopy light (F.O.)

Type	HEINE LED illumination (HQ)
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Luminous flux (without/with 6 mm /4.5 mm specula)	typ. 18 lm / 1.2 lm / 0.5 lm
Color temperature	3.500 K +/- 500 K
Color rendering index (CRI)	typ. CRI > 90
Classification according to IEC 62471	risk group 2 (moderate risk)

General

Material	Anodized aluminium, Plastic, Glass, Coated silicone
REACH RoHS conform	Conform
Phthalate	Contains no phthalates, which requires a declaration
Latex	Contains no latex
Environmental conditions operation	+10°C to +35°C, 30% to 75% rel. humidity, 700hPa to 1060hPa
Environmental conditions storage	+5°C to +45°C, 45% to 80% rel. humidity, 500hPa to 1060hPa
Environmental conditions transport	-20°C to +50°C, 10% to 90% rel. humidity, 500hPa to 1060hPa
Instructions for use	Deutsch, English, Francais, Espanol
Operating elements	3 control buttons: 1. HEINE inSPECT on-low on-high brightness level; 2. otoscopy light on-high on-low brightness level; 3. otoscope on-high brightness level off
Accessories	Please see the corresponding accessories online at www.heine.com/BETA-X-VET-Otoscope-accessories-IFU
Maintenance	device is maintenance-free
Service	The device has no components serviceable by the end-user/ Change of rechargeable battery

Hygienic Reprocessing

Procedure	Please see detailed description for the reprocessing procedure online at www.heine.com
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Codes

Customs code (tariff number)	90189084
GTIN	4053755203529
Traceability	UDI Code
Country of origin	Germany (DE)

Regulatory

Product classification (EU)	n/a
Product classification (USA)	Class 1
Product classification (Canada)	n/a
UMDNS code	n/a
GMDN code	n/a
Regulation number (FDA)	874.4770
Product code (FDA)	ERA



Fulfills the requirements of directives / standards

Standards	ISO 13485, ISO 2248, IEC 60601-1, IEC 60601-1-2, IEC 62471, IEC 62133-2
Directives	Directive (2012/19/EU) WEEE, Directive (2011/65/EU) ROHS, Directive (2014/35/EU)
Regulations	UN transport test UN38.3, Regulation (1907/2006) REACH, Regulation (EU) 2023/1542 Battery, Regulation (EU)2025/40 Packaging