

HEINE BETA X Retinoscope



Data

Description	HEINE BETA X Skiaskop
Catalogue number	C-140.28.330
Document release date	September 01, 2026

Mechanical

Weight	145 g
Weight battery	22 g
Weight packing (including product)	700 g
Dimensions product	215 x 35 x 45 mm
Dimensions packing	221 x 63 x 216 mm
Connections	USB-C port, Interface for MEM-card adapter
Imprints	front: HEINE logo, BETA X, ParaStop; icon: on/off; back: HEINE made in Germany, Side: USB-C, 5V 500mA, MD, production year, CE, serial number, www.heine.com/eyecare-info , datamatrix code, warning symbol

Electrical

Power supply	Li-ion Cell (internal battery)
Input	5 V DC, 500 mA
Power consumption	max. 1 W
Operating time	typ. 350 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

Type	HEINE LED illumination (HQ)
Colour temperature	typ. 2700 K
Color rendering index	typ. 80
Working distance	typ. 333-666 mm
Light controlling	Continuous brightness control
Length of the streak (500 mm distance)	typ. 35 mm
Width of the streak (500 mm distance)	typ. 1.1 mm
Optical safety according to ANSI Z80.36-2021	Group 2
Optical safety according to ISO 15004-2:2024	Group 2



General

Material	Aluminium anodized, Chrome-plated brass, Plastic, Glass
REACH RoHS conform	Conform
Phthalate	Contains no phthalates, which requires a declaration
Latex	Contains no latex
Biocompatibility	Conform
Environmental conditions operation	+10 °C to +35 °C, 30 % to 75 % rel. humidity, 700 hPa to 1060 hPa
Environmental conditions storage	+5 °C to +45 °C, 45 % to 80 % rel. humidity, 500 hPa to 1060 hPa
Environmental conditions transport	-20 °C to +50 °C; 45 % to 80 %; rel humidity: 500 hPa to 1060 hPa
Instructions for use	Deutsch, English, Francais, Espanol, Italiano, Svenska, Nederlands, Dansk, Norsk, Suomi, Portugues
Operating elements	Illumination control wheel, axis-vergence wheel, ParaStop
Display	Axis indicator
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)	90185090
GTIN	4053755213610
Traceability	UDI Code
Country of origin	Germany

Regulatory

Product classification (EU)	Class I
Product classification (USA)	Class 1, 510(k) exempt
Product classification (Canada)	Class I
UMDNS code	13-372
GMDN code	32712
Regulation number (FDA)	886.1780
Product code (FDA)	HKM

Fulfills the requirements of directives / standards

Standards	ISO 13485, IEC 60601-1, IEC 60601-1-2, ISO 14971, IEC 60601-1-6, IEC 62366-1, ISO 10993-1, IEC 62304, IEC 62133-2, IEC 60601-1-9, ISO 17664-2, ISO 2248, ISO 15004-1, ISO 12865, ISO 15004-2, ANSI Z80.36
Directives	Directive (2011/65/EU) ROHS, Directive (2012/19/EU) WEEE
Regulations	Regulation (EU) 2017/745, Regulation (EU) 2025/40 Packaging, Regulation (1907/2006) REACH, UN transport test UN38.3