

HEINE DELTA X

Dermatoscope



Data

Description	DELTA X
Technical data catalogue number	K-130.28.330
Document release date	11/21/2025

Mechanical

Weight product	130 g
Weight battery	22 g
Weight packing (including product)	750 g
Dimensions product	175 x 45 x 35 mm
Dimensions packing	221 x 63 x 216 mm
Connections	USB-C port, mounting for mobile phone covers
Imprints	Product name, HEINE logo, MD, Optics specification, HEINE made in Germany, Instruction, CE, Production date, Serial number, www.heine.com, Datamatrix code, 5V-500mA

Electrical

Power supply	Li-ion Cell (internal battery)
Input	USB-C: 5 V DC, 500 mA
Power consumption	max. 1.2 W
Operating time	min. 1.5 h @ polarisation mode
Charging time	typ. 160 min.
Automatic switch-off function	Turns off after 3 min
Protection class	Charging: II; Operating: internally powered

Optical

Type	HEINE LED illumination (HQ)
Magnification	10-fold
Diopter	+/-3D
Optical system	2 Lens 3 Elements achromatic low distortion system
Colour temperature	Typ. 5700 K
Color rendering index	Typ. 92
Antireflection coating	Loupe optics multilayer coating R < 0.5% per optical surface
Medium life expectancy (LED)	> 50 000 h
Working distance	Starting @ 10 mm from ocular ring



Filters	Cross polarisation, Linear polarisation
Resolution	Depends on attached smartphone camera resolution
Light controlling	2 Buttons
Classification according to IEC 62471	Group 2

General

Material	Metal, Anodized aluminium, Coated silicone, Elastomer, Epoxy
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, 10 % to 75 % rel. humidity, 700 hPa bis 1 060 hPa
Environmental conditions storage	+5 °C to +45 °C, 45 % to 80 % rel. humidity, 700 hPa to 1 060 hPa
Environmental conditions transport	-12 °C to +50 °C, 10 % to 90 % rel. humidity, 500 hPa to 1 060 hPa
Instructions for use	Deutsch, English, Francais, Espanol, Italiano, Svenska, Nederlands, Dansk, Norsk, Suomi, Português
Operating elements	Power switch, Polarisation switch, Torch light switch
Maintenance	There is no regular maintenance required.
Service	The device has no components serviceable by the end-user/ Change of rechargeable battery

Hygienic Reprocessing

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

Codes

Customs code (tariff number)	90189084
GTIN	4053755203314
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	18-021
GMDN code	18021
Regulation number (FDA)	880.6350
Product code (FDA)	KYT



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, IEC 62471, IEC 62304, IEC 62133-2, IEC 60601-1-9, ISO 17664-2, ISO 2248, ISO 10993-1
Directives	Directive (94/62/EC) packaging / packaging waste, Directive (2011/65/EU) ROHS, Directive (2012/19/EU) WEEE
Regulations	Regulation (EU) 2017/745, Regulation (1907/2006) REACH, UN transport test UN38.3

