

Each HEINE bulb is specifically designed as an integral part of the HEINE instrument it powers, based upon the following parameters:  
**Color Temperature:** Based on advanced HEINE XHL® Xenon Halogen Technology, each bulb is designed to provide the ideal color temperature for the diagnosis for which the instrument is intended. This ensures a proper balance between illumination brightness and true tissue color for the most accurate diagnosis.

**Bulb Life:** HEINE bulbs last up to 50% longer, providing long life, optimum performance and cost effectiveness.

**Safety:** Advanced design and manufacturing procedures prevent dangerous bulb implosions.

**Optical Performance:** The performance of each HEINE optical instrument depends on the bulb that powers it. Lenses built into the glass bulb envelope, precision filament placement, and homogeneous light projection are major factors in ensuring the satisfactory performance of your HEINE instrument.

We can only guarantee the performance and safety of your instrument if the appropriate HEINE bulb powers it. If a non-original copy of a HEINE bulb is used, the safety and performance of the HEINE instrument will be compromised and the manufacturer's guarantee will no longer be valid.

**Insist on genuine HEINE replacement bulbs and parts to ensure the correct performance of your HEINE precision instrument.**

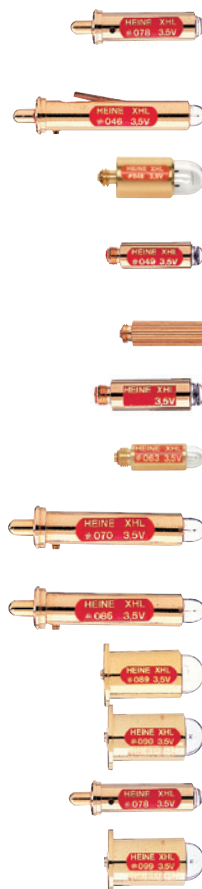
## HEINE XHL® Xenon Halogen Bulbs

For optimum performance and cost effectiveness

∴ Exceptional performance

∴ Optimum light output

∴ Extreme long life



Full-Size Instrument Replacement Bulbs	AV	TL
BETA 200, 200 VET (AV Only) and K 180 Otosopes, Finoff, Diascleral Transilluminator (AV Only), LAMBDA Retinometer, Multi-Purpose Illuminator, Slit Illumination Head (AV Only)	X-002.88.078	X-002.88.044
DELTA 10 Dermatoscope	X-002.88.046	X-002.88.053
HSR 2 Retinoscope	X-002.88.048	not available
Diagnostic Otoscope, Operating Otoscope, K 100 and BETA 100 Diagnostic Oscopes	X-002.88.049	X-002.88.049
Proctoscope head for Proximal Illumination	X-002.88.051	not available
Curved Laryngeal Mirror	X-002.88.062	not available
Straight Laryngeal Mirror	X-002.88.063	X-002.88.063
BETA 200, BETA 200S, BETA 200 M2 Ophthalmoscope	X-002.88.070	X-002.88.072
K 180 Ophthalmoscope	X-002.88.086	X-002.88.085
BETA 200 Streak Retinoscope	X-002.88.089	X-002.88.089
BETA 200 Spot Retinoscope	X-002.88.090	X-002.88.090
Focalux	X-002.88.091	not available
HSL 100, HSL 150 Hand-held Slit Lamp	X-002.88.099	X-002.88.099

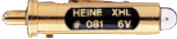







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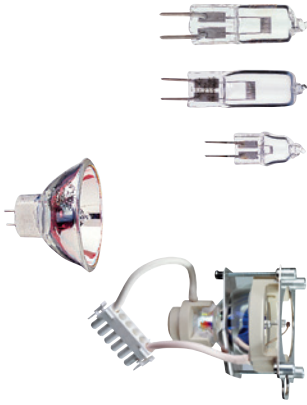
	alpha+, mini 2000, mini 3000, Pocket Instruments, Laryngoscope Handle, Dermaphot Bulbs	2.5V	3.5V
	alpha+ Dermatoscope, alpha+ Illuminated Loupe	X-001.88.034	X-002.88.053
	mini 2000 Dermatoscope	X-001.88.034	
	mini 3000 Dermatoscope	X-001.88.109	
	Illuminated head for Spreadable Anal Speculum, Glaucotest, F.O. Laryngoscope handle, angled F.O. Laryngoscope handle, alpha+ Finoff	X-001.88.035	X-002.88.044
	F.O. SP Laryngoscope Handle	X-001.88.035	
	alpha+ F.O. Otoscope, alpha+ Tongue blade holder	X-001.88.037	X-002.88.049
	mini 2000 F.O. Otoscope, mini Tongue blade holder	X-001.88.037	
	mini 3000 F.O. Otoscope	X-001.88.105	
	mini Fibrilux, mini 2000 Combi Lamp, mini 2000 Cliplamp, mini 1000 Cliplamp	X-001.88.041	
	mini-c Cliplamp	X-001.88.108	
	mini 3000 Cliplamp, mini 3000 Combi Lamp	X-001.88.107	
	alpha+ Ophthalmoscope, alpha+ Focalux	X-001.88.042	X-002.88.101
	mini 2000 Ophthalmoscope, mini Miroflex, mini 2000 Focalux	X-001.88.042	
	mini 3000 Ophthalmoscope	X-001.88.106	
	alpha+ Ophthalmic Examination Light	X-001.88.043	X-002.88.102
	minilux Otoscope, mini 2000 Otoscope	X-001.88.056	
	mini 3000 Otoscope	X-001.88.110	
	DERMAPHOT 2.2V vacuum lamp	X-000.88.082	
	alpha+ Streak Retinoscope	X-001.88.087	X-002.88.089
	alpha+ Spot Retinoscope	X-001.88.088	X-002.88.090
	ClipLight vacuum lamp	X-001.88.094	
	alpha+ HSL 150 Hand-held Slit Lamp	X-001.88.098	X-02.88.099



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	Instrument	3.5V	6V
	Indirect Hand-held Ophthalmoscope	X-002.88.050	X-004.88.081
	Lamp Handle		X-004.88.060
	OMEGA 100, 150, 180, 200, SL 350 headlight		X-004.88.068
	SIGMA 100 Indirect Ophthalmoscope		X-004.88.076
	UBL 100 Illuminated head for binocular loupes		X-004.88.080
	SIGMA 150 Indirect Ophthalmoscope, SIGMA 150 K Headworn Indirect Ophthalmoscope		X-004.88.093
	OMEGA 500 - 6V / 10W, optional for twice the brightness (reduces operating time)		X-004.88.104
	OMEGA 500 - 6V / 5W		X-004.88.111

## HEINE Projector Bulbs



Projector	Halogen	Xenon
F.O. Projector HK 4000*/100W	<b>Y-096.15.103</b>	
F.O. Projector HK 6000*, 7000/150W	<b>Y-096.15.102</b>	
F.O. Projector mini* 20W	<b>Y-096.14.103</b>	
F.O. Projector uno*, endo*, multi* 150W	<b>Y-096.11.103</b>	
Projector XENON 1000/100W		<b>Y-096.15.108</b>

\* no longer available