



Technical Bulletin

Date: February 13, 2025

To: Midmark Heine® Customers

From: Midmark

Topic: Midmark Heine® LED Transition

Heine Transition to LED

As of January 2, 2025, all Heine Otoscope and Ophthalmoscope sets have been transitioned to LED^{HQ} technology with a replaceable LED module.

Service Options for Previous Generation Product

- **BETA Instruments**

There is no service change to any BETA® 400 LED or BETA® 200 LED instruments in the field. Instrument heads can be replaced if needed. The new heads will now include a replaceable LED^{HQ} module.

MODEL	Replacement Option	ORDERABLE PARTS
BETA 400 LED Otoscope	BETA 400 LED Otoscope (Instrument head, with replaceable LED module)	B-008-11-400-166
BETA 200 LED Otoscope	BETA 200 LED Otoscope (Instrument head, with replaceable LED module)	B-008-11-500-166
BETA 200 LED Ophthalmoscope	BETA 200 LED Ophthalmoscope (Instrument head, with replaceable LED module)	C-008-30-100-166

- **K180™ Instruments**

K180 Halogen (XHL) Oscopes can now be upgraded to LED with the purchase of an LED bulb module. K180 XHL ophthalmoscopes do not have an LED bulb module available to retrofit. However, XHL bulbs continue to be available for purchase. Customers wishing to upgrade their K180 XHL ophthalmoscopes to LED may purchase a new ophthalmoscope head that will come with a removeable LED module. All K180 sets are now LED with a replaceable LED module.

MODEL	Replacement Option	ORDERABLE PARTS
K180 XHL Oscope	LED ^{HQ} module	X-008-88-133-166
	K180 LED Oscope (Instrument head, with replaceable LED module)	B-008-11-550-166
K180 XHL Ophthalmoscope	Halogen replacement bulbs	X-002-88-086-166
	K180 LED Ophthalmoscope (Instrument head, with replaceable LED module)	C-008-30-207-166

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