




# Midmark HEINE® Otosscopes

## COMPARISON CHART



PRODUCT FEATURES	HEINE BETA® 400	HEINE BETA® 200	HEINE K180™
			
<b>Performance</b>			
Magnification	4.2x	3x	3x
Light Source	LED	LED	LED
Color Temperature	LED: typ. 3,500 K	LED: typ. 3,500 K	LED: typ. 3,500 K
CRI	Typ. ≥ 97 R9 > 93	Typ. ≥ 97 R9 > 93	Typ. ≥ 97 R9 > 93
Luminous Flux (without tip/with 4-mm tip)	LED: typ. 15 lm/typ. 5.9 lm	LED: typ. 15 lm/typ. 5.9 lm	LED: typ. 15 lm/typ. 5.9 lm
Brightness Control	Continuous between 100 - 3%	Continuous between 100 - 3%	Continuous between 100 - 3%
Depth of Field	Wide range of exceptionally sharp spatial images	Wide range of exceptionally sharp spatial images	Fixed
Field of View	3 mm	3 mm	3 mm
<b>Durability</b>			
Housing	Metal	Metal	Polycarbonate
Window	Scratch-resistant multi-coated glass	Scratch-resistant multi-coated glass	Acrylic
Light Source Life Expectancy	LED: typ. 100,000 hrs	LED: typ. 100,000 hrs	LED: typ. 100,000 hrs
<b>Function</b>			
Instrumentation	Optics flip open	Swiveling window	Swiveling window
Cleaning	Smooth surfaces, wide-opening window allows for easy cleaning	Smooth surfaces, wide-opening window allows for easy cleaning	Smooth surfaces, wide-opening window allows for easy cleaning
Pneumatic Testing	Sealed connection for optimal testing	Sealed connection for optimal testing	Available

For product inquiries, please contact the Midmark Medical Customer Experience Department at 844-856-1233, option 1.  
For more information or a demonstration, contact: Midmark Corporation, Versailles, OH.  
Call: 1-800-MIDMARK or visit: [midmark.com](http://midmark.com)  
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