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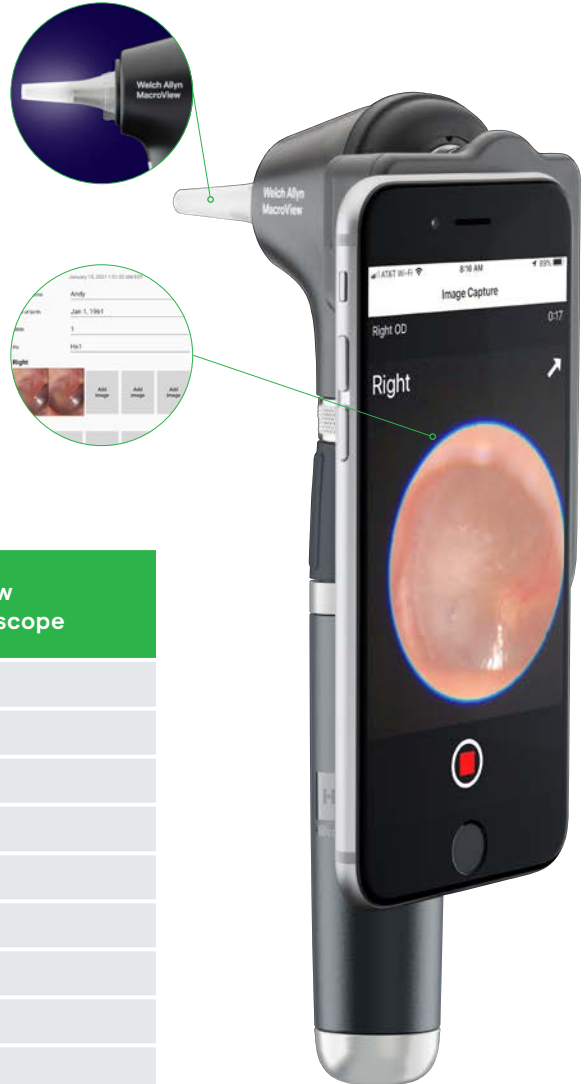
# Welch Allyn® MacroView® Otosopes

## EXPAND YOUR VIEW

Experience bigger, brighter views with our Welch Allyn MacroView and MacroView Plus Otosopes. Enhance exams with the MacroView Plus Otoscope, and the option to capture and share ear images for consultation. Both devices work on existing Welch Allyn 3.5 V power sources.

Pair the MacroView otoscope with Welch Allyn LumiView™ Clear Single-Use Ear Specula for brighter views.

Save and share ear images with the MacroView Plus device when combined with our iExaminer® SmartBracket™ and iExaminer Pro App.



Specifications	MacroView Plus Otoscope for iExaminer	MacroView Basic Otoscope
Model Number	238-3	238-2
iExaminer digital-ready	Yes	No
Warranty	5 Years	3 Year
Height x Width x Depth	7 cm h x 4.5 cm w x 5.5 cm d	
Weight	115 grams	
Sealed Pneumatic otoscopy	Yes	
Illumination type	Ring fiber optics	
Lamp Type	SureColor™ LED	
Lamp Life, rated	60+ years based on typical use <sup>1</sup>	
Field of view	~3 times that of a single-lens otoscope, like the standard-style 250-2.	
Magnification	~5X	
Focus-free design	Extended focal length virtually eliminates the need to focus on wide-view otoscope	
Total light output	5200 lux; 2.5 times brighter than traditional halogen scopes.	
Color	Color rendering index (CRI): 95 typical; R9: 90 typical; Color Temperature: 3400K - 4500K	
LED warranty	7 years	
Optimized for the 719-3 Li-Ion handle	Stays bright over the life of a battery charge (unlike older designs that dim with use); no color change with dimming (unlike halogen)	

**3X LARGER**  
Viewing Area



Standard Otoscope



MacroView Otoscope

Specifications	Welch Allyn® Lithium Ion Plus Power Handle with USB Charger	Welch Allyn® Universal Desk Charger
Model Number	719-3	719-DSK
Height x Width X Depth	14 cm x 3 cm x 3 cm	10 cm x 19 cm x 11 cm
Weight	140 grams	1.2 kg
Compatibility	719-DSK Welch Allyn® Universal Desk Charger; 71140 chargers	71140, 719-3, 71910, 71670 handles. 12800 & 22800 used with 71249 Adapter Sleeve
Integrated Charging	USB-C	—
Warranty	Two years	One year
On-time	5.5 hours; Approximately 660 30-second exams	—
Battery Type	Lithium Ion	—
USB Quick-charge time (0-75%)	90 minutes	—
Power Cord and Cord Options	719-USB	#18 AWG, 3-wire grounded cord, 6 feet long medical grade detachable with IEC60320 inlet
Input	—	100-240V, 50-60 Hz, 100mA max, Class I, Continuous Operation
Output	—	2.4V - 4.0V DC 80mA max

## SELECT MACROVIEW ACCESSORIES

**52432-CLR-1:** 2.75 mm LumiView Single-Use Clear Ear Specula, Pediatric (case)

**52434-CLR-1:** 4.25 mm LumiView Single-Use Clear Ear Specula, Adult (case)

**11840-TST-US:** iExaminer Resolution Test Card

**11840-IEX-US:** iExaminer SmartBracket Accessory

**21504:** Insufflation Bulb

**24320:** Welch Allyn® SofSeal™ Specula Tip (supports insufflation)



For more information, please contact your Hillrom representative or visit [hillrom.com](http://hillrom.com).

## hillrom.com

Hill-Rom reserves the right to make changes without notice in design, specifications and models. The only warranty Hill-Rom makes is the express written warranty extended on the sale or rental of its products.

<sup>1</sup> 60+ years typical. Assumes an average of 10 patient exams (both ears) per day taking 15 seconds per ear for 200 days per year.

### Intended Use Welch Allyn® MacroView™ Plus Otoscope:

The Welch Allyn MacroView and LED otoscopes are intended to be used by clinicians and medically qualified personnel for examination of the external ear, ear canal, and tympanic membrane under illumination and magnification on pediatric and adult patients. The otoscope is also intended to assess the flexibility of the tympanic membrane through air pressure and for general illumination of the oral and nasal cavities. The intended use environments for the Welch Allyn MacroView and LED otoscopes are professional healthcare facility environments such as general physician's offices, hospitals, specialists, urgent care, clinics, and clinical environment training. Contraindications: The Welch Allyn MacroView and LED otoscopes are not intended to be used to examine the eye. **WARNING** Patient injury risk. Do not use otoscope without attaching a specula tip as this can cause ear injury or cross-contamination. **WARNING** Cross-contamination risk. Do not reuse disposable specula tips as this may spread contamination from one patient to another patient.

### Intended Use Welch Allyn® iExaminer™ Pro App:

The iExaminer application with the appropriate Welch Allyn devices is intended to be used by clinicians and medically qualified personnel to capture and send images on pediatric and adult patients. The iExaminer System with MacroView Plus is intended to be used by clinicians and medically qualified personnel to capture and send images of the external ear, ear canal, and tympanic membrane on pediatric and adult patients. The intended use environments for the iExaminer application and iExaminer System with MacroView Plus are professional healthcare facility environments such as general physician's offices, hospitals, specialist, urgent care, clinics, and clinical environment training. Use the smartphone only in environments consistent with the manufacturer's recommendations. There are no contraindications for the iExaminer app. See the appropriate Welch Allyn device IFU. The iExaminer System with MacroView Plus is not intended to be used to examine the eye. **WARNING:** Patient injury risk – magnetic fields. Exercise caution when using a smartphone in close proximity to implanted devices such as, but not limited to, cranial implants, adjustable CSF shunts, and pacemakers.