

New patented technology with the familiarity of halogen  
and the performance benefits of LEDs.



## Welch Allyn LED Lamps for Physical Assessment Instruments

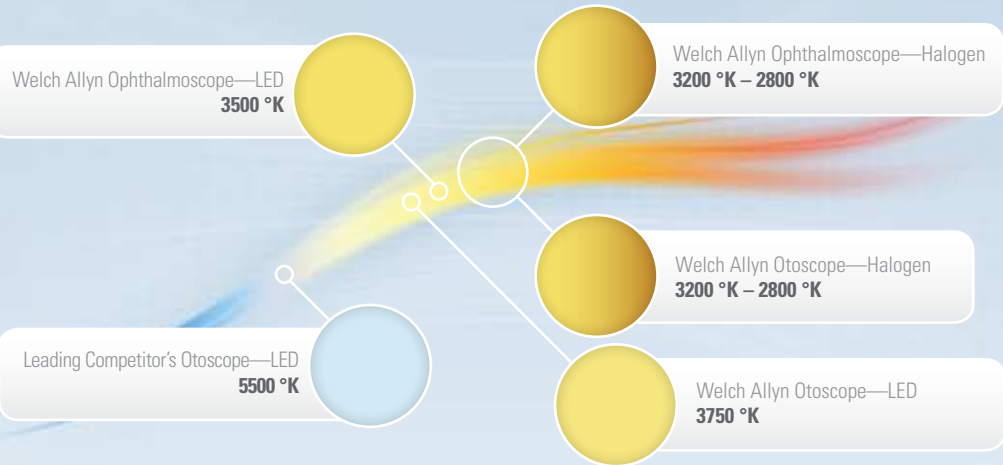
**WelchAllyn®**

Advancing Frontline Care™

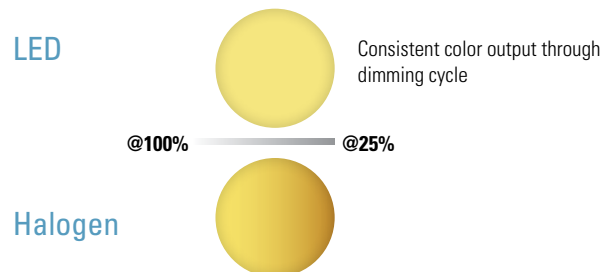
## Designed with clinical applications in mind.

While LED technology has been on the market for mainstream use for years, our engineers have worked to optimize its benefits and focus specifically on choosing patented circuitry and color rendering for specific clinical applications. And, these LED lamps use less energy, resulting in lower contact temperature, allowing greater comfort for you and your patients, and three times the on-time of your traditional rechargeable handle.

### LED Color Temperature Spectrum



### Dimming Cycle



Welch Allyn LED lamps offer:

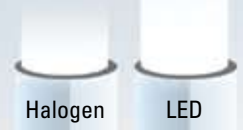
**SureColor™ LED technology** enabling reduction of light intensity to alleviate glare or enhance patient comfort while preserving the color and clarity of the view

**High energy efficiency** resulting in 3X the examination time with each charge cycle of a Welch Allyn rechargeable handle

**A simple solution** consisting of four lamp upgrade kits which are compatible with our most popular physical assessment instruments and can be installed in seconds with a simple exchange of the halogen lamp.

## 30X Longer Life

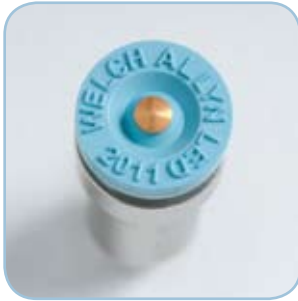
- Tested to 30X halogen lamps
- Guaranteed 7 years



## Energy Efficient

- 3X the on-time vs. halogen with Welch Allyn 3.5 V rechargeable handles
- Lower operating temperature intended for greater patient/clinician comfort









## A Simple, Flexible Solution

Four lamp upgrade kits cover a broad range of physical assessment instruments you use every day.

Lamp bases are date-stamped for easy warranty verification. Kits include a lamp removal tool for easier replacement.

LED Lamp Part #	Device Part #	Description
03100-LED 	Traditional Diagnostic Oscopes	
	20000	Otoscope/Throat Illuminator
	20200	Pneumatic Otoscope
	21700	Operating Otoscope
	25020	Diagnostic Otoscope (w/ Specula)
06500-LED 	MacroView™ Diagnostic Oscopes	
	23810	MacroView™ Otoscope
	23820	MacroView™ Otoscope/Throat Illuminator
	23920	Digital MacroView Otoscope
04900-LED 	Traditional Ophthalmoscopes	
	11720	3.5 V Coaxial Ophthalmoscope
	11730	AutoStep® Coaxial Ophthalmoscope
	11735	Prestige™ Coaxial-Plus Ophthalmoscope
03800-LED 	PanOptic™ Ophthalmoscopes	
	11810	PanOptic™ Ophthalmoscope
	11820	PanOptic™ Ophthalmoscope/Blue Filter/Lens

### Warranty

7 years

### Patents

US pat 7,276,025  
 US pat 7,458,934  
 Patents Pending

### Standards

UL60601-1, CAN / CSA C22.2 No. 601.1  
 IEC/EN 60601-1  
 IEC 62471/CIES009  
 ISO 15004-2



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