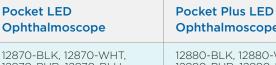
# Welch Allyn Pocket LED & Pocket Plus LED Ophthalmoscope

### **Product Specifications:**







	Ophthalmoscope	Ophthalmoscope	
Model Numbers	12870-BLK, 12870-WHT, 12870-PUR, 12870-BLU	12880-BLK, 12880-WHT, 12880-PUR, 12880-BLU	
Total Height	17.5 cm	17.5 cm	
Head Width	3.3 cm	3.3 cm	
Head Depth	3.0 cm	3.0 cm	
Handle Diameter	2.1 cm	2.1 cm	
Weight Head and Handle (no batteries)	2.56 oz	2.56 oz	
Battery Type	AA Alkaline x 2	AA Alkaline x 2	
Battery Life	> 5 hrs	> 5 hrs	
Lamp Type	SureColor™ LED	SureColor LED	
Lamp Life	10,000 to 20,000 hours	10,000 to 20,000 hours	
Diopter Range	'-20 to +20	'-20 to +20	
Diopter Steps	'-20, -15, -10, -8, -6, -4, -3, -2, -1, 0, 1, 2, 3, 4, 6, 8, 10, 15, 20	'-20, -15, -10, -8, -6, -4, -3, -2, -1, 0, 1, 2, 3, 4, 6, 8, 10, 15, 20	
Filter Types	Red-free, Cobalt Blue	Red-free, Cobalt Blue, Neutral Density	
Aperture Spot Sizes	5 (Small, Medium, Large, Slit, Fixation)	5 (Small, Medium, Large, Slit, Fixation)	
Total Flux Large Aperture (lumens, Andor)	.2 to .45 lumens	.2 to .45 lumens	
Field of Illumination/ Distribution, Large Aperture	11.4 mm at 50 mm distance	11.4 mm at 50 mm distance	
UV/VIS/IR at FO (% from SPD, Optronic)	0%/98.68%/1.32%	0%/98.68%/1.32%	
User Contact Temperature	8 °C over ambient max.	8 °C over ambient max.	



### **Available Colour Options:**

Onyx, Blueberry, Plum, Vanilla

## Welch Allyn Pocket LED & Pocket Plus LED Otoscope

Product Specifications:		Pocket LED Otoscope	Pocket Plus LED Otoscope
	Model Numbers	22870-BLK, 22870-WHT, 22870-PUR, 22870-BLU	22880-BLK, 22880-WHT, 22880-PUR, 22880-BLU
	Total Height	16.8 cm	16.8 cm
	Head Width	3.0 cm	3.0 cm
	Head Depth	5.1 cm	5.1 cm
	Handle Diameter	2.1 cm	2.1 cm
De la constant de la	Weight Head and Handle (no batteries)	2.53 oz (71.7 grams)	2.53 oz (71.7 grams)
	Battery Type	AA Alkaline x 2	AA Alkaline x 2
	Battery Life	> 5 hrs	> 5 hrs
	Lamp Type	SureColor LED	SureColor LED
	Lamp Life	10,000 to 20,000 hours	10,000 to 20,000 hours
	Light Transmission	Fiber Optic	Fiber Optic
	Magnification Power	3.4X	3.4X
	Diopter	13.6	13.6
Working Distance w/Specula (visual, best focus dist)		6.5 mm from 4 mm speculum tip	6.5 mm from 4 mm speculum tip
Resolution w/S	Resolution w/Specula (visual, lp/mm)		3 - 6 lp/mm at working distance
Depth of Fo	Depth of Focus w/Specula (visual)		O to 11 mm from speculum tip
Focal Length		73.45 mm (2.9 in)	73.45 mm (2.9 in)
Field of Illumination/Distribution at FO		34.1 mm @ 50 mm distance from tip	34.1 mm @ 50 mm distance from tip
UV/VIS/IR at FO	UV/VIS/IR at FO (% from SPD, Optronic)		0%/99.47%/0.53%
Total Flux	Total Flux at FO (lumens, Andor)		5.50 lumens
Intensity at FO (lux, FC, UDTS370/263 photometer)		1240 lux with 4 mm specula	1540 lux with 4 mm specula
User	User Contact Temperature		10 °C over ambient max.
Pneumatic Otoscopy Port		Yes	Yes
Pneumatic Otoscopy Seal		Yes	Yes



For more information on the Welch Allyn Pocket LED and Pocket Plus LED Otoscope and Ophthalmoscope, please contact your Welch Allyn representative.

