

Welch Allyn Pocket LED & Pocket Plus LED Ophthalmoscope

Product Specifications:



	Pocket LED Ophthalmoscope	Pocket Plus LED 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 <i>Head and Handle (no batteries)</i>	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	Up to 20,000 hours	Up 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 <i>(lumens, Andor)</i>	.20 to .50 lumens	.20 to .50 lumens
Field of Illumination/ Distribution, Large Aperture	11.4 mm at 50 mm distance	11.4 mm at 50 mm distance
Standards	IEC 60601-1, 60601-1-2; ISO 15004-1, 15004-2, 10942, 10993-1	



Available Color 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
Weight <i>Head and Handle (no batteries)</i>	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	Up to 20,000 hours	Up to 20,000 hours
Light Transmission	Fiber Optic	Fiber Optic
Magnification Power	3.6X	3.6X
Diopter	10.4	10.4
Working Distance w/4.25 mm Speculum <i>(visual, best focus dist)</i>	12.4 mm from 4 mm speculum tip	12.4 mm from 4 mm speculum tip
Resolution w/4.25 mm Speculum <i>(visual, lp/mm)</i>	8 lp/mm at working distance	8 lp/mm at working distance
Depth of Focus w/4.25 mm Speculum <i>(visual)</i>	11 to 25 mm from speculum tip	11 to 25 mm from speculum tip
Focal Length	96 mm (3.8 in)	96 mm (3.8 in)
Field of Illumination/Distribution	34.1 mm @ 50 mm distance from tip	34.1 mm @ 50 mm distance from tip
Total Flux <i>(lumens, Andor)</i>	Up to 3.50 lumens	Up to 6.10
Standards	IEC 60601-1, 60601-1-2; ISO 10993-1	
Pneumatic Otoscopy Port and Seal	Yes	Yes



Available Color Options:

Onyx, Blueberry, Plum, Vanilla

For more information on the Welch Allyn Pocket LED and Pocket Plus LED Otoscope and Ophthalmoscope, please contact your local distributor or Welch Allyn at 1.800.535.6663.