

Introducing the Welch Allyn® PanOptic™ Ophthalmoscope

Innovative Optics for Panoramic Views of the Fundus.

PanOptic Ordering Information:

11810	11820	
○	○	3 Spot sizes: micro, small and large
○	○	Slit aperture
○	○	Red-free filter
○		Half-moon aperture (provides a combination of depth perception and field of view)
	○	Cobalt blue filter with add-on magnifying lens for corneal examinations (surrogate for Woods Light/black light)

PanOptic Specifications:

Dimensions: 5.12" L x 1.40" W x 3.75" H
without eyecup (with eyecup: 1.45" L)
Weight: .48 lbs without eyecup; .50 lbs with eyecup
Focusing Range: -20 to +20 diopters

Component Information:

Patient Eyecups (Package of 5 Reusable Eyecups) - **11870**
Halogen HPX Lamp - **03800**
Corneal Viewing Lens (for use with 11820) - **11875**
Diagnostic Set Carrying Case (hard) - **05258**

For more information on the new Welch Allyn PanOptic, or to receive a FREE demonstration video or CD, call toll free 1-888-359-2394, option 1. Or visit www.panoptic.welchallyn.com, or send an e-mail to panoptic@mail.welchallyn.com

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WelchAllyn®

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Field of View



5X
Larger
View of
the Fundus

WelchAllyn®



Introducing the Welch Allyn PanOptic™ Ophthalmoscope.

Revolutionary new technology for a difference you can see.

Developed and patented by Welch Allyn — creator of the world's first hand-held direct illuminating ophthalmoscope — the new PanOptic is a breakthrough concept in ophthalmoscopy. Thanks to an innovative, proprietary optical design known as Axial PointSource™ Optics, PanOptic will greatly enhance funduscopy exams. Just look at all that PanOptic offers:

- Fast, easy entry into small, undilated pupils
- Superior views of the fundus — a field of view that is 5X larger than you see with standard scopes in an undilated eye
- A staggering 25° field of view versus the 5° field of view of standard scopes
- A 26% increase in magnification, making it easier to see retinal details
- Complete compatibility with existing Welch Allyn 3.5v power sources

Field of View



Standard



PanOptic

5X
Larger View
of the Fundus

Patient Eyecup: The eyecup establishes and maintains proper viewing distance, provides image stability, serves as a pivoting point for panning around the retina, helps with orientation, and screens out ambient light. The eyecup is cleanable and reusable.

Patented Axial PointSource Optics: This proprietary technology makes it easy to enter undilated pupils, and provides a 25° field of view, resulting in a view of the fundus that's 5X larger than you see with a standard ophthalmoscope in an undilated eye.

Patented Glare Extinguishment System: Prevents interference from unwanted glare and reflections.

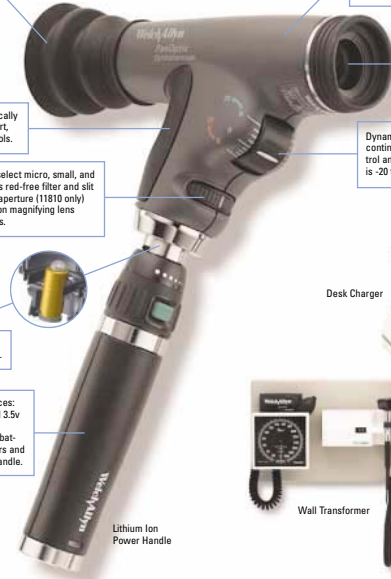
PanOptic Soft Grip: Ergonomically designed for maximum comfort, balance, and access to controls.

Aperture Dial: Allows you to select micro, small, and large spot sizes. Also includes red-free filter and slit aperture. Optional half-moon aperture (11810 only) or cobalt blue filter with add-on magnifying lens (11820 only) for corneal exams.

Dynamic Focusing Wheel: Adjusts the focus in a continuous, smooth action for more precise control and optimum view. Available focusing range is -20 to +20 diopters.

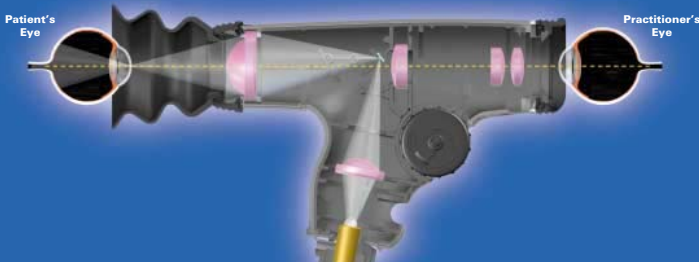
Halogen HPX™ Lamp: Provides whiter, brighter light.

Welch Allyn 3.5v Power Sources: Compatible with any standard 3.5v power source including: desk charger handles, convertible battery handles, wall transformers and the new Lithium Ion Power Handle.



Lithium Ion Power Handle

Breakthrough technology that breaks the field wide open.



What makes PanOptic so revolutionary? Quite simply, it's Welch Allyn's Axial PointSource Optics. By converging PanOptic's illumination to a point at the cornea, Axial PointSource Optics allows easy entry into even the smallest pupils. It then enables the illumination pathway to diverge to the retina, creating a very wide illuminated area of the fundus.

Simultaneously, PanOptic's unique viewing system allows the practitioner to see the illuminated area on virtually the same axis, creating the widest field of view attainable in undilated ophthalmoscopy. This means the practitioner is actually viewing the fundus through the mirror that directs the illumination into the eye, maximizing the alignment of the viewing axis with the illuminated area.

In addition to achieving superior views of the fundus, PanOptic also provides enhanced magnification — 26% more than standard scopes — making it easier to see retinal details.

The bottom line? Welch Allyn's PanOptic provides a dramatic difference you can see right away. And that translates into easier, more complete funduscopy exams the likes of which you've never seen before.