

Non-Mydriatic Retinal Camera AMD-950

The *Non-Mydriatic Retinal Camera* is an ophthalmic instrument used to capture high resolution color and monochrome images of the retina and the anterior segment of the human eye. This 8 megapixel CCD camera is ideal for telemedicine programs that include primary care or ophthalmology services because it aids in diabetic screening and early detection of glaucoma and other eye diseases.



Product Features:

- Auto focus, auto shoot and auto small pupil detector (3.3 mm) help make exams more efficient.
- Provides central, nasal, and temporal targets for diabetic screening.
- Optical alignment and focus indicators are in constant view of the operator to help ensure consistent images are captured.
- Automatic exposure adjusts to the necessary intensity in order to properly illuminate images.
- Chin rest helps stabilize patient in proper position.
- Blink detection avoids faulty image capture.
- Lower flash intensity option allows more images to be captured before pupil constriction becomes a factor.
- Images can be viewed, stored and transmitted instantly using a USB memory stick for CF card.
- Integrates with capture, process and archival software (IMAGEnef™).
- Direct printout capability to a digital printer without requiring an external computer.

Technical Specifications:

Dimensions: 10.78" (w) x 20" (d) x 20.78"- 21.96" (h) / 274 mm x 508 mm x 528- 558 mm

Weight: 50 lbs (22.7 kg)

Picture Angle: 45°

Working Distance: 40.7 mm

Photographable Area of Pupil: 4.0 mm or more (3.3 mm or more when the small pupil diagram is used)

Focus Range to Correct the Refractive Errors of the Patient's Eye:

- 0 : -13D to +12D (*split line working range)
- — : -33D to -12D
- + : +9D to +40D

Internal Fixation Target:

- Center: Fixed 4 points
- Temporal Side: Fixed 1 point
- Nasal Side: Fixed 1 point
- Right / Left eye automatic detection

Auto Focus Function: used only in the split line working range (this can be turned ON/OFF).

Base Movement:

- Back-forth: 46 mm
- Right-left: 100 mm
- Up-down: 30 mm

Chin Rest Movement: 67 mm



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