

SW-8000 WIDEFIELD ROP CAMERA

The SW-8000 ROP Screener and ROP Screener Portable (SW-8000/SW-B000P) are world's first Wide Field Color Retinal Camera with Built-in Fluorescein Angiography for Retinopathy of Prematurity. Widefield imaging system with 130° wide area . It is characterized by high central field resolution 30 lp / mm and led light source. Portable compact device capturing high-resolution images and the benefit of video recording. Simple to operate and a USB 3.0 compatible device can easily work with any laptop . Suitable for various screening scenarios.

Characteristics

- 10 MP CCD camera
- LED flash
- Fluoroangiography (FA) (optional)
- Autofluorescence (optional)
- Mosaic 128 degrees
- Dicom
- Ability to connect to HDMI on any monitor



TECHNICAL DATA

SW-8000 ROP is a Wide Field camera, very light with easy handling. Is integrating Light Source, Refractive compensation and High resolution Imaging system

Probe Diameter	8.1 mm (smallest probe in the market)
Probe Weight	527.3gr (the lightest in the market)
Probe connectivity	USB3.0 Plug & Play
Wide Field of View	135° to 144°
Light Source	Color Light Source; Fluorescence Angiography
Center field of view	≥ 30 lp/mm
Middle field of view	$(\pm 22.5^\circ) \geq 20$ lp/mm
Edge field of view	$(\pm 45^\circ) \geq 15$ lp/mm
Illumination Source	white LED

