

SUOER

Ophthalmic Wide Field Imaging System SW-8000



SUOER ROP Screener and ROP Screener Portable (SW-8000/SW-8000P) are world's first Wide Field Color Retinal Camera with Built-in Fluorescein Angiography for Retinopathy of Prematurity. 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.

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

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| Probe Diameter | 8.1mm (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 |