



# ESCS-2000D

## A/B Scan with UBM



OPHTHALMOLOGY / ENT



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# ESCS-2000D

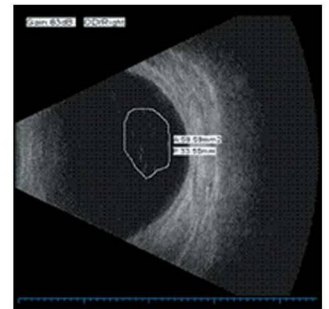
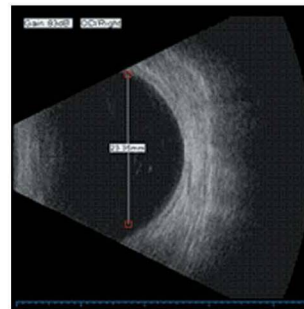
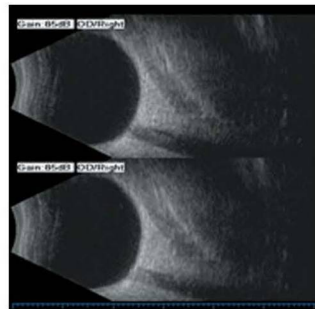
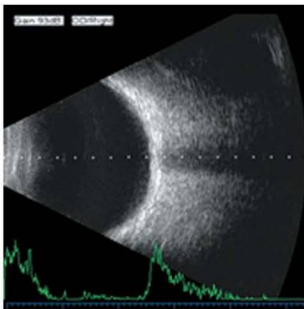
A/B Scan with UBM



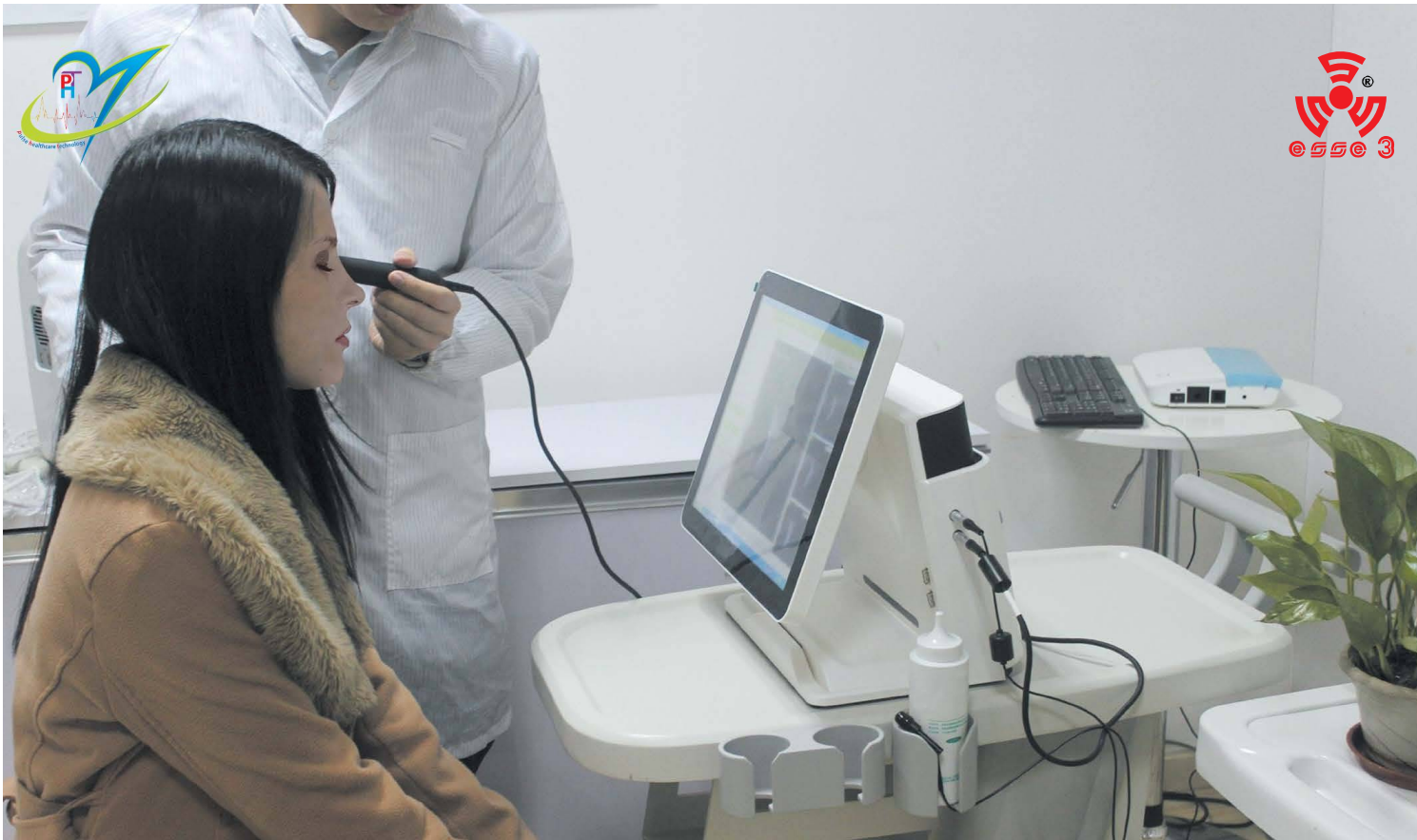
ESCS-2000D A/B Scan with normal and vitreous body enhancement, retina observation mode, location display, focus of infection and the relationship with the surrounding tissue.

Can be diagnosed vitreous opacity, retinal detachment, eye base tumors, eye diseases etc...

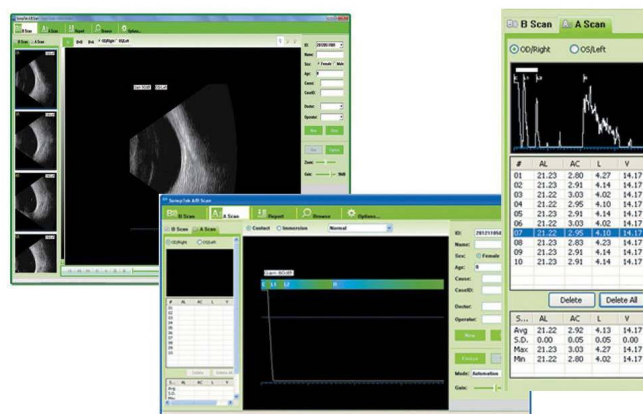
Le ESCS-2000D is used to measure anterior chamber depth, lens thickness, axial length, diopter calculate of implant IOL etc...







- 15 inch LCD screen
- Built-in battery
- Display Mode: B, B+B, B+A, A
- UBM
- Liner Scanning Method
- Image pixel: 1024x655





## Technical Features

<b>Display Mode</b>	B, B+B, B+A, A
<b>Hint</b>	preset keyword
<b>Case Search</b>	Multi-keywords
<b>Screen</b>	15 inch LCD
<b>Built-in battery</b>	can use 4 hours
<b>UBM</b>	Yes
<b>Report template</b>	User-defined
<b>High Resolution Image</b>	Liner Scanning Method
	100% Bandwidth with Short-Pulse Technology
<b>Safe in Operations</b>	No Abrasion of Cornea
	No Cross Infection

<b>Convenient</b>	More Probe Shells Offered
	Easy to change Probe Shell
	Adjustable Focus by Probe
<b>Transducer</b>	35MHz/50MHz
<b>Scan</b>	Linear scan
<b>Scanning Range</b>	16x10mm 35MHz
<b>Image pixel</b>	1024x655
<b>Resolution</b>	axial $\leq 0.05$ mm,
	lateral $\leq 0.1$ mm
<b>Gain</b>	30-105 dB

<b>B scan</b>
<b>Frequency:</b> 10MHz/20MHz (optional) ,Magnetic driven, noiseless
<b>Scanning Mode:</b> Sector Scanning
<b>Magnify:</b> Multi continuous magnification, Real-Time magnification
<b>Resolution:</b> Lateral $\leq 0.3$ mm; Vertical $\leq 0.2$ mm
<b>Geometry position precision:</b> Lateral $\leq 10\%$ ; Vertical $\leq 5\%$
<b>Depth:</b> 60mm
<b>Enhance the part of vitreous body and retina</b>
<b>Gain of probe:</b> 30dB-105dB
<b>Scanning Angle:</b> 53°
<b>Gray Scale:</b> 256
<b>False Color:</b> Multi colors. OCT
<b>Measure type:</b> multigroup distances, perimeters and areas
<b>Image post-processing:</b> multiple curves processing, Pseudo-color processing curve
<b>Movies:</b> 100 images movie review, AVI JPG format image output

<b>A scan</b>
<b>Frequency:</b> 10MHz, with LED
<b>Eye mode:</b> Phakic / Aphakic / Dense / Various IOL
<b>IOL Formula:</b> SRK-II, SRK-T, HOFFER-Q, HOLLADAY, BINKHORST-II, HAIGIS
<b>Precision:</b> $\pm 0.05$ mm
<b>Depth:</b> 40mm
<b>Measurement:</b> Anterior chamber depth, lens thickness, vitreous body length, total length and average
<b>Stat. Calculation:</b> Average and standard deviation
<b>Store:</b> 10 Scanning results for each eye

<b>Standard accessories</b>
<b>B probe 10MHz</b>
<b>A probe 10MHz</b>
<b>UBM</b>
<b>Built in Computer</b>



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