# PROFESSIONAL ULTRASOUND MANUFACTURER YEARS Make the change





# **OD1**Series Bio&Pachy Meter



10.0MHz A probe

20.0MHz angled probe

- Nearly 20 years ultrasound research history, bring you OD1 series for ophthalmology biometry.
- 5.7" color LED touch screen, more convenient for your operation.
- Immersion & contact methods, precise measurement.
- Built-in thermal printer, realize print anytime.
- I-station software enable massive storage, report transmission and print.
- Sensitive, accurate measurement, show 8 groups with deviation meanwhile.
- With IOP(intraocular pressure) adjustment after get tonometer measurement results.







### **A-Scan**

• 10MHz red-light A scan probe

• Resolution: 0.01mm

Accuracy: ±0.1mm

• Gain adjustable: 0-120dB

• Measurement range: 15~35 mm (vel 1640m/s)

· Measurements: ACD, Lens, Vitreous, and AXL

• Examination modes: Support Normal, Cataract, Aphakic and Special eye model

Measurement mode: Immersion and contact ,auto and manual

• IOL formulas: SRK-II,SRK-T,BINKHORST, HOLLADAY, HOFFER-Q,HAIGIS

### **Pachymeter**

· 20MHz angled pachymeter probe

· Resolution: 1um

• Measurement range: 0.23~1.2mm

Accuracy: ±0.01mm

 Single or nine points measurement, average reading increase accuracy

### **Standard configuration**

### OD1-A Biometer:

Main unit

10.0MHz A probe

Gage block for A-Scan/Biometer

Power adapter
Touch screen pen

Main unit

20.0MHz angled probe

OD1-P Pachymeter:

Gage block for Pachymeter

Power adapter

Touch screen pen

### OD1-AP Biometer/Pachymeter:

Main unit

10.0MHz A probe

20.0MHz angled probe

Two kinds of Gage blocks

Power adapter

Touch screen pen

### **Optional accessories**



Immersion shell



Foot switch



Battery



Battery charger





### Abundant data storage

- ▶ Built-in 8GB D disk can store data, images and reports
- ▶ USB Support U disk, software upgrade and one-key storage
- ▶ DICOM3.0 Network port makes data transmission easily

### Practical workstation

- ▶ The system comes with simple, practical, easy-to-work software to print and manage data
- ▶ Report-print, screen copy, IOL report, case reports with images







### A scan parameter

- ▶ 10MHz with Fixation Red Light
- Resolution:0.01mm
- Accuracy: ±0.1mm
- ► Measuring Range: 15~40mm
- Measuring parameters: ACD, Lens, Vitreous body, AL
- ► Measuring method: Contact and Immersion
- Modes: Support Normal, Cataract, Aphakic and Special eye model
- ► IOL formulas: SRK-T、SRK-II、BINKHORST、HOLLADAY、 HOFFER-Q、HAIGIS Save up to 100 group of results

### **Standard configuration**

- Main unit
- 10MHz Mechanical sector B probe
- 10MHz imported A probe
- Foot switch
- Network cable
- Workstation software

### Accessories







10MHz B-scan probe

### **B** scan parameter

- ▶ 10MHz probe, 10 frames/sec
- Scanning Angle: 53°
- ► Gain: 0~120dB adjustable, 8 steps manually adjustable TGC
- Distance, circumference, area, volume and angle measurement
- Pseudo-color: 8 kinds
- Cineloop: 128 frames, measurement available
- Post processing: 8 groups of curves

### Optional configuration

- Battery
- Video recorder
- Ethernet switch
- Immersion shell
- Print BOX



Foot switch



Immersion shell





# ODU8

## Ophthalmological A/B Mode Ultrasound Scanner

### A-SCAN

- ACD, Lens, Vitreous and Axial length measurement
- IOL Formulas:SRK-II, SRK-T, BINKHORST, HOLLADAY, HOFFER-Q, HAIGIS
- Direct contact/ Immersion measurement
- Support Normal, Cataract, Aphakic and Special eye model

### **B-SCAN**

- High resolution and contrast B scan
- 8 kinds pseudo-color
- Multiple electronic measurement: Distance, Area, Perimeter, Volume
- 8 kinds TGC adjustable







### **Standard configuration**

- Main unit
- 10MHz Mechanical sector B probe
- 10MHz imported A probe
- Foot switch
- Network cable
- Workstation software

### **Optional configuration**

- Trolley
- Video recorder
- Ethernet switch
- Immersion shell
- Print BOX

### **Accessories**



10MHz A-scan probe



10MHz B-scan probe



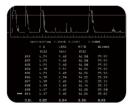
Foot switch



Immersion shell

### **Images**





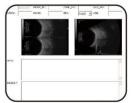
















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