

# Master-Vu

# PORTABLE OPHTHALMIC B-SCAN

USB Connection to PC  
Utilizing Sonomed's  
Ultra-Intuitive Software

On Probe Activation Switch

12 MHz Transducer

Full 2-Year Warranty

Simple Installation and  
Low Maintenance

Portable For Use at  
Multiple Locations

Immediate User Productivity

Flexible and Easy to Use

Sealed Probe Includes All  
Electronics and Transducer



 **SONOMED**  
INC.  
[www.sonomedinc.com](http://www.sonomedinc.com)

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# Master-Vu Specifications

## PROBE

### ELECTRICAL

Transducer Frequency: 12 MHz  
 Acoustic Output: Adjustable (improves penetration)  
 Power: 5 VDC, 500 ma (max) via USB Port

### PHYSICAL

Size: 7.0" (17.8 cm) x 1.25" (3.2 cm)  
 Weight: 4 oz. (113 g)  
 Cable Length: 6 ft.  
 Connector: USB

## DATA ACQUISITION

Scanning Method: Sector  
 Depth: 30 mm / 60 mm  
 Frame: 60°, 256 lines, 2000 Samples/Line  
 Frame Rate: 30 fps (max)  
 Resolution: Electronic: 0.015 mm (max)  
 Clinical: 0.1 mm  
 Interface: Standard USB 2.0

## DISPLAY SCREEN

Dual Image Screen: Image 1: Main Overview  
 Image 2: Selected Area  
 Image Annotation: Patient Data, Clinic, Physician, Date/Time, Eye  
 Toolbar: Scan, Play, Print, Save, Export, Report...Exit  
 Controls: Adjustable Zoom, Pan and Area Select  
 Scales: Horizontal and Vertical: 5 mm Markers  
 Frames Bar: Frame Number, Frame Count

## PROCESSING

Image Controls: Brightness and Contrast, Near/Mid/Far Intensities  
 Tools: Vector A-scan, Measurement/Angle Calipers, Text Labels  
 Gray Scale: 256 Levels

## MEASUREMENTS

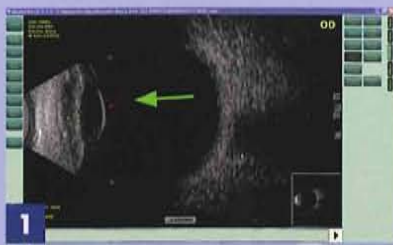
Types: Multiple Distance/Angles  
 Technique: Distance: Multiple Calipers  
 Angle: Multiple Calipers and Vertex  
 Distance Precision: 0.040 mm  
 Angle Precision: 1/2°

## DATA MANAGEMENT

Patient Database: Alphabetic (Pt. Last Name)  
 Save: Individual Frames  
 "Clips" of up to 100 frames  
 Export: Save Frames as .bmp or .jpg  
 Save Clips as .wmv (windows media format)  
 Reports: Create reports with multiple images and editable text using any of the multiple predefined form templates. Print to default printer.

## ADDITIONAL SYSTEM REQUIREMENTS

Computer: Operating System: Windows XP or Vista  
 USB 2 Connector  
 Monitor: 17" Diagonal, 1280 x 1024 pixels (min), 24 Bits/Pixel  
 Printer: Standard PC Printer



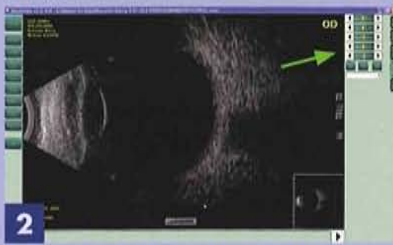
### ON SCREEN ANNOTATION

Ideal tool for consult and/or training and presentations. Utilizes both text and graphics.



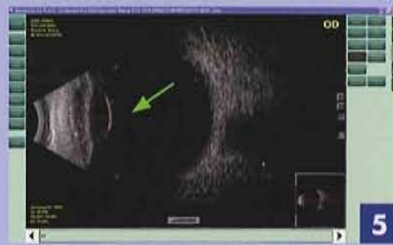
### THUMBNAIL IMAGES & VIDEO CLIPS

Record both video clips for playback and/or the best individual images selected from the clips. Scrolling images for easy locating.



### ADJUSTABLE NEAR-MID-FAR GAINS

Adjustable gain curve which provides the user complete control for enhanced diagnostic capability.



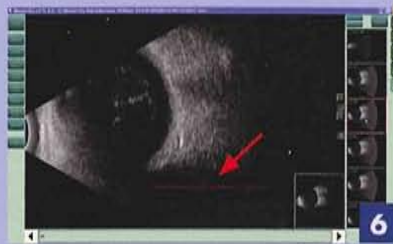
### MULTIPLE CALIPER TOOL FOR INTRA-OCULAR DISTANCE MEASUREMENTS

Make multiple accurate measurements on a single image using the calipers or angle measurement tool.



### HORIZONTAL AND VERTICAL SCALES

Allows for quick and easy approximate distance measurements.



### ON-SCREEN NOTATION CAPABILITY

Display notes or comments directly on saved image. Notes can be edited at a later time for most up-to-date comments.

**To Order Call: 1-800-227-1285**

- Most Portable "B-scan" Available
- Resolution: 0.1 mm  
 [Electronic Resolution: 0.015]
- Advanced Post-Processing Tools
- Multiple Locations / ONE price



A Subsidiary of Escalon Medical Corp.  
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