

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

Phone 1-800-227-1285 or 516-354-0900 • Fax 516-354-5902 • E-mail info@sonomedinc.com

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

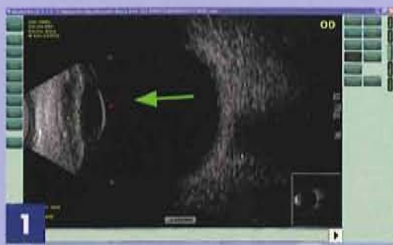
Types: Multiple Distance/Angles
 Technique: Distance: Multiple Calipers
 Angle: Multiple Calipers and Vertex
 Distance Precision: 0.040 mm
 Angle Precision: 1/2°

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



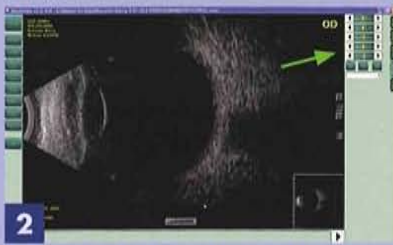
ON SCREEN ANNOTATION

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



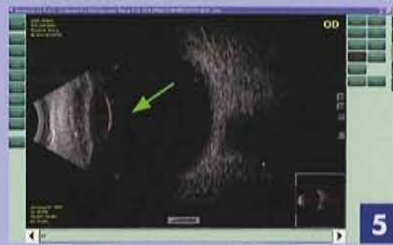
THUMBNAIL IMAGES & VIDEO CLIPS

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



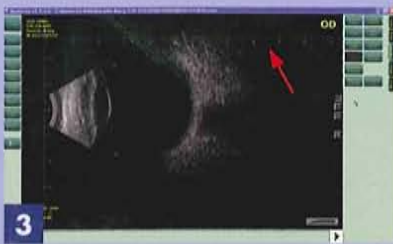
ADJUSTABLE NEAR-MID-FAR GAINS

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



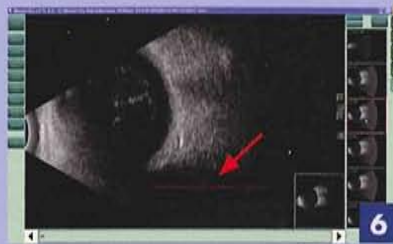
MULTIPLE CALIPER TOOL FOR INTRA-OCULAR DISTANCE MEASUREMENTS

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



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