

SONOMED MASTER-VU B-SCAN TECHNICAL SPECIFICATIONS

PROBE	Transducer Frequency	12 MHz
	Acoustic Output	Adjustable (improves penetration)
	Power	5 VDC, 500 ma (max) via USB port
	Size	7.0" (17.8cm) x 1.25" (3.2cm)
	Weight	4 oz. (113g)
	Cable Length	6 ft.
	Connector	USB
DATA ACQUISITION	Scanning Method	Sector
	Depth	30mm / 60mm
	Frame	60°, 256 lines, 2000 Samples/Line
	Frame Rate	30 fps (max)
	Resolution	Electronic: 0.015mm (max) Clinical: 0.1mm
	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 Area Selection
	Scales	Horizontal and vertical: 5mm markers
	Frames Bar	Frame Number Frame Count
PROCESSING	Image Controls	Brightness and contrast Near/Mid/Far Intensities
	Tools	Vector A-scan Measurement/Angle Callipers 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 OS: Windows XP or Vista USB 2.0 connector Monitor: 17" Diagonal, 1280 x 1024 pixels (min), 24 Bits/Pixel Printer: Standard PC Printer	