



The **Verathon BladderScan BVI 9600** is a portable 3D noninvasive ultrasound instrument. The BVI 9600 is quick and easy to use. When the clinician releases the scan button, within seconds, the BVI 9600 measures ultrasonic reflections in multiple planes. Once measured the 9600 produces a three-dimensional image. Based on this image it calculates and displays information based on what mode is being used. When using the BVI 9600 there is no need for a sonographer.

The most popular features of the BladderScan BVI 9600 are the Bladder Scanning mode and the Aorta Scanning mode.

BladderScan Mode

When scanning the bladder with BladderScan mode, the BVI 9600 measures urinary bladder volume and post-void residual (PVR). It helps assess urinary retention and postoperative urinary retention (POUR), evaluate many common urological conditions, prevent unnecessary catheterization, and help reduce rates of catheter-associated urinary tract infection (CAUTI). These can help eliminate unnecessary trauma to patients as well as improve the efficiency of healthcare professionals. It also has been proven to reduce costs and save staff time to focus on other jobs and patients.

AortaScan Mode

When scanning the Aorta with AortaScan mode, the BladderScan 9600 provides a measurement of the abdominal aortic diameter. This helps physicians identify the presence of abdominal aortic aneurysms (AAA) using Verathon's patented Vmode technology. AortaScan mode was designed to be a quick, easy-to-use tool for measuring the diameter of the abdominal aorta without the need for a sonographer.

Features

- Distinct scan modes for men and women
- Voice annotation for exams to ensure valuable patient/exam data is retained
- Can upload exam data to electronic health record systems (EHRs) via ScanPOint image management software
- Precision aiming via console or probe
- Onboard printer for patient records or reimbursement
- Onboard video tutorial to train staff
- May be calibrated online via ScanPoint



Specifications

Bladder Scanning

Volume Range: 0 to 999 ml
Accuracy: $\pm 15\%$, ± 15 ml

Aorta Scanning

Diameter Range: 3 to 12.4 cm
Accuracy: $\pm 15\%$, ± 0.5 cm

Power

11.1V Li-Ion Battery
3.5 hours continuous use on one charge

Ultrasound Output Parameters

Maximum ultrasound Isptad during a scan: ≤ 5.0 mW/cm²
Maximum ultrasound Isppad during a scan: ≤ 60.0 W/cm²
Maximum MI (Mechanical Index): 0.95 max
Transducer diameter: 13 mm (0.512 inches)
Transducer resonant frequency: 3.0 MHz and 1.74 MHz
Transducer bandwidth: 75% at 10 dB
Time from 3D scan initiation to result display: < 3 seconds

Display

Color LCD

