



BladderScan™ BVI 6300

Reliable, Noninvasive Bladder Volume Monitoring

- *Accurately monitors bladder volume*
- *Customized by healthcare providers for the individual user*
- *Restores a more natural, volume-directed voiding pattern*
- *Prevents unnecessary catheterization*
- *Reduces risk of urinary tract infection*
- *Minimizes risk of urinary retention and bladder overdistention*
- *Portable, handheld, and easy to use*



The BladderScan™ BVI 6300 monitors individual bladder volume noninvasively. This easy-to-use, handheld instrument is a valuable tool for patients on time-directed, intermittent catheterization or voiding schedules, enabling them to regain a more natural, volume-directed voiding pattern. Based on the healthcare provider's prescription, the BVI 6300 can be programmed for the individual user via ScanPoint™, so the user is alerted when his or her target bladder volume has been reached and voiding is necessary.

By quickly providing accurate information about bladder fullness, the BladderScan™ BVI 6300 prevents unnecessary catheterization and reduces the risk of urinary tract infection (UTI). Monitoring bladder volume with the BVI 6300 also reduces the risk of bladder overdistention and related complications.

Quality System Certified to
ISO 9001, ISO 13485 and
EN 46001 standards



**DIAGNOSTIC
ULTRASOUND**



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HOW IT WORKS

Diagnostic Ultrasound's portable BladderScan™ BVI 6300 is designed to monitor bladder volume noninvasively. It's easy to use and quickly provides results in a comfortable, safe manner. Upon completion of the scan, bladder fullness is displayed on the LCD screen so the user can objectively determine whether it is necessary to empty his or her bladder.

Customized for Individual Use

Based on the healthcare provider's prescription, the BVI 6300 can be customized with information about the individual user's target bladder volume and gender. This information is programmed via ScanPoint™, Diagnostic Ultrasound's online service. The user is alerted with simple visual icons when his or her bladder volume exceeds the preset thresholds. The BVI 6300 also stores the user's pre-void and post-void volume data, to be reported when the patient returns to the healthcare provider.

SONTAC® GEL PADS

The BladderScan™ BVI 6300 was designed specifically to be used with Diagnostic Ultrasound's Sontac® Gel Pads. Sontac is a unique ultrasound conducting gel pad that is placed directly on the skin of the patient. Faster and easier to apply and remove than conventional gel, the Sontac® gel pad provides superior soundwave

transmission. With Sontac®, no time consuming clean-up is required after ultrasound exams. Each Sontac® gel pad is conveniently enclosed in hygienic thin foil packaging, and the use of one gel pad suffices for the entire procedure, even if multiple scans are performed.

SPECIFICATIONS

Range

0 to 999 ml

Accuracy

± 15%, ± 15ml

Display

Liquid Crystal (back lighted)
Aiming arrows
Battery status indicator
Return visit reminder
Pre / Post Void measurement indicator



Scan Time

Approximately 5 seconds

Weight

Less than 11 oz. (309 grams)

Note: Accuracy is specified based upon measurements on Diagnostic Ultrasound tissue equivalent phantom using the technique stated on the phantom labeling.

*SPTA: Spatial temporal average
SPPA: Spatial peak pulse average

Ultrasound Output Parameters

Maximum SPTA Intensity*: 1.04 mW/cm²

Maximum SPPA Intensity*: 65.0 W/cm²

Mechanical Index (MI): Maximum 0.925

Ultrasound Frequency: 3.7 MHz

Scan Angle: 120 degrees

Mode: V-MODE® (multiple, aligned B-mode images)

Operating Conditions

Temperature: +10°C to +40°C

Humidity: 30% to 75%, non-condensing

DIAGNOSTIC ULTRASOUND

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