



The BladderScan BVI 6400 bladder volume instrument, with VMODE® technology, is a portable 3D ultrasound device that quickly, accurately, and noninvasively measures urinary bladder volume and post-void residual (PVR) in adult patients to help health care providers diagnose, manage, and treat urinary outflow dysfunction.

Features

- Helps assess urinary retention and postoperative urinary retention (POUR)
- Helps prevent unnecessary catheterization
- Helps reduce rates of catheter-associated urinary tract infection (CAUTI)
- Helps differentiate between types of incontinence to determine appropriate care
- Helps monitor postoperative recovery
- Helps improve efficiency of healthcare professionals by reducing costs and saving staff time



Specifications

General

Bladder volume range: 0 - 999 ml

Accuracy: The following accuracy specification assumes usage per instructions, scanning a Verathon® tissue equivalent phantom.

Bladder Volume: \pm (15% + 15 ml)

Scan time: Less than 5 seconds

Voice Annotation Interval: 10 seconds

Weight: Less than 11 oz (309 grams)

Power: 3.7 v lithium-ion rechargeable battery

Display: Liquid crystal

Water resistance: Rated at IPX1 (indicates drip-proof, a higher than ordinary level of protection from drips, leaks, and spills)

Operating Conditions

Temperature: 50°–104°F (10°–40°C)

Relative humidity: 30–75% non-condensing

Atmospheric pressure range: 70–106 kPa

Storage Conditions

Storage: Indoor

Ambient temperature range: 14°–122°F (-10°–50°C)

Atmospheric pressure range: 50–106 kPa

Relative humidity: 20–95% non-condensing

