

All-In-One Ultrasound Bladder Scanner

Real-time bladder scanning is a safe and easy, non-invasive method to measure bladder volume.

Bladder scanning has become the standard of care as an alternative to intermittent catheterization, a common source of urinary tract infections.



The VitaScan PD Bladder Scanner measures ultrasonic reflections and **automatically targets and identifies** the urinary bladder from among surrounding tissues.

Real-time Imaging makes it easier to locate the bladder and ensures accurate measurements with every scan. The PD can measure volume in multiple planes from a single scan position.

The VitaScan PD is fast and easy to use. The scanner automatically scans the bladder in up to 24 planes and calculates and displays bladder volume in seconds.

Bladder Scanning is used in many clinical settings to:

- Determine bladder volume and Post Void Residual (PVR)
- Assist in the diagnosis, evaluation and treatment of Post-Operative Urinary Retention (POUR)
- Help identify bladder distention and causes of urinary infrequency and bladder irritability
- Assist with bladder training

Reduce Catheterizations...

REDUCE Infections

CMS Tag F315 recommends PVR testing of residents at risk for incomplete bladder emptying.¹
Studies show that 80% of urinary tract infections are associated with indwelling urethral catheters.²

VitaScan PD

All-In-One Bladder Scanner with Built-in Thermal Printer



EXCLUSIVE FEATURES

- ✓ Real-time image of bladder
- ✓ Multi-plane scan from one position on the body (3D)
- ✓ Simple and advanced scan modes
- ✓ Identifies and tracks bladder location
- ✓ Automatically measures volume and Post Void Retention (PVR)
- ✓ Manual measurement with auto recalculation
- ✓ User selectable scan depth
- ✓ Built-in thermal printer
- ✓ 7" color touchscreen
- ✓ Calibration not required. Test tool included for functional verification.
- ✓ Removable memory
- ✓ Simple and intuitive; sonographer not required
- ✓ Five year warranty with Accidental Damage Coverage (ADC)

FIVE YEAR WARRANTY WITH ACCIDENTAL DAMAGE COVERAGE (ADC)
FREE LIFETIME TRAINING!

TECHNICAL SPECIFICATIONS

Volume Range 0 - 1000ml
Accuracy ±10%
Probe Frequency 2.35 MHz
Scanning Method Sector, 180 degrees
Rotation Positions Up to 24 rotating positions
Sweep Angle 120 degrees
Detection Depth 100, 160 or 230mm
Probe Dimensions 5.5 x 1.8 x 2.6 inches
Probe Weight (incl. cable) 0.84 lb.
Console Dimensions 8.7 x 7.8 x 3.1 inches
Power Consumption 0.5A@5V
Display 7" Color Touch Screen
Operating Conditions +50°F to +113°F
10% - 80% relative humidity
Storage Temperature -22°F to +122°F
Printer Standard 58mm (2 1/4 inches) Thermal

¹ US Dept of Health and Human Services.
<http://www.cms.gov/Regulations-and-Guidance/Guidance/Transmittals/downloads/r8som.pdf>

² Strategies to Prevent CAUTIs in Acute Care Hospitals. Infect Control Hosp Epidemiol: 2008;29:S41-S50.
<http://www.journals.uchicago.edu/doi/abs/10.1086/591066>