VITACON.
the bladder scanner company tm

VitaScan LT

USB 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 LT Bladder Scanner measures ultrasonic reflections and its accompanying software **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. Unlike most systems, the LT can measure volume in multiple planes from a single scan position.

The VitaScan LT is fast and easy to use. The scanner automatically scans the bladder in 12 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]

Touch Screen with Built-in
WiFi & Bluetooth

EXCLUSIVE FEATURES

- ✓ Real-Time Imaging

- ✓ USB Powered

- ✓ Print to Existing Printers on Full Size Plain Paper

- ✓ Multi-plane scan from one position on the body

- ✓ Easy transfer to any EHR/EMR system for archiving test results

- ✓ Automatic Bladder Tracking and Volume Measurements

- ✓ Simple and intuitive; no ultrasound experience required

- ✓ Variety of configurations including carrying cases, rolling carts, docking stations, and on-board printers

TECHNICAL SPECIFICATIONS

Volume Range ……………………………………………………………… 0 - 1000ml
Accuracy………………………………………………… +/-10% of reading, +/-20ml
Probe Frequency ……………………………………………………………… 2.35 MHz
Scanning Method ………………………………………… Sector, 180 degrees
Rotation Positions ………………………………………………… 6, 12 or 24
Sweep Angle ………………………………………………………………… 110 degrees
Detection Depth ……………………………………………… 100, 160 or 230mm
Probe Dimensions …………………………………………… 5.5 x 1.8 x 2.6 inches
Probe Weight (incl. cable) …………………………………………… 13.44 ounces
Power Consumption …………………….………………… 2.5W supplied via USB
Operating Conditions …. +50°F to +113°F, 10% - 80% relative humidity
Storage Temperature ……………………………………………….. -22°F to 122°F
PC Requirements ……………… Windows® XP, Vista, 7, 8, 10 and USB 2.0

[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