

**VITACON.**

## **VitaScan**

**A Safe, Easy and  
Non-invasive system  
for Bladder Scanning**



**Products &  
Technical Specification**

[vitacon.com](http://vitacon.com)

# A Safe, Easy and Non-invasive system for Bladder Scanning

Real-time bladder scanning is a safe, easy and non-invasive method for measuring bladder volume. Bladder scanning measures ultrasonic reflections within a patient's body and differentiates the urinary bladder from the surrounding tissues.

Bladder image in real-time ultrasound makes it easier to detect the bladder before scanning. **VitaScan** calculates the patient's bladder volume in 3D and displays volume and bladder image on screen.



## VitaScan v.2 Probe

The **VitaScan** is accurate, fast and easy to use. No sonographical experience is needed. Single-button control to start/stop the bladder scanning. Fully-automated scanning in multiple planes from one position within seconds.

### FEATURES

- Connect the **VitaScan** probe to any Windows tablet/computer via the USB connector and download the **VitaScan** application software for free.
- **VitaScan** application software may be installed on multiple devices for easy access.

### Medical indications

Prevent catheter associated Urinary Tract Infections (UTI)

Diagnose Post-operative Urinary Retention (POUR)

Diagnose Post Void Residual (PVR)

Diagnose Bladder Outlet Obstruction (BOO)

Identifying blocked Foley catheter

Bladder function after removing an indwelling urinary catheter

Identify bladder distention

Identify causes of urinary frequency and bladder irritability

Accurate assessment of a patient's hydration status

Useful tool in bladder retraining (Biofeedback)

# VitaScan PD / PD+

## Bladder Scanner

VitaScan PD / PD+ is a mobile and fully self-contained real-time bladder scanner. Reports can be printed via its internal printer or stored on USB-stick in JPEG format. Durability, ease-of-use and fast boot-up time make it suitable also for remote use. VitaScan PD / PD+ is GDPR compliant.



**VitaScan PD**  
7 inch LCD display



**VitaScan PD+**  
10,1 inch LCD display

# VitaScan LT

## Bladder Scanner

VitaScan LT is a real-time bladder scanner with Windows OS medical grade tablet. The VitaScan LT offers integration protocol to any hospital EMR systems. Can be configured with hospital domain login credentials. Full page reports in PDF, JPEG or DICOM may be printed directly via network (Wi-Fi or Bluetooth) printer or saved and archived under patient folders.



### 7 / 10,1 inch touchscreen

The scanner runs on mains power supply and/or internal battery with 5 hours battery capacity. The scanner features an internal thermal printer for immediate documentation.



### Portable design

Real-time portable ultrasound bladder scanner for easy use. Intuitive design for carrying with a soft case to protect during transportation.



### Simple and Intuitive

The VitaScan features automatic volume measurements and bladder volume calculation with large digit display.



### Fully automated calculation

No sonographical experience is needed. Single button control to start/stop the bladder scanning. Fully automated scanning in multiple planes from one position.



### Sharp and clear images

Advanced image processing for sharp and clear images. Full page reports in PDF, JPEG or DICOM formats. Automatic PVR calculation possible (pre-void/post void scan options).



### Easy integration

VitaScan LT offers integration protocol to any hospital EMR systems. View and save exam results easily on your own local computer storage.

Volume range	0 - 1000 ml
Accuracy	± 7.5 % on volumes greater than 100 ml <sup>1</sup> * ± 7.5 ml on volumes less than 100 ml <sup>1</sup> *
Probe Frequency	3.4 MHz
Scanning method	Sector, 180 degrees
Rotation positions	Up to 24 rotating positions
Sweep angle	130 degrees

Volume range	0 - 1000 ml
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Scanning method	Sector, 180 degrees
Rotation positions	Up to 24 rotating positions
Sweep angle	130 degrees

\* Accuracy specifications in accordance with stated instructions, scanning on Vitacon phantom

## Order info

Please refer to Item Codes below to obtain further product information or quotation. **Vitacon** warranty period is twenty-four (24) months from date of purchase. Vitacon ensures that the **VitaScan** products conform to published specifications and to accompanying documentation.



Product	Item Code
VitaScan v.2 Ultrasound Probe with Carrying Case	100535 C
VitaScan LT Bladder Scanner with VitaScan Mobile Cart	100535 ML
VitaScan PD Bladder Scanner with Carrying Case	100570 CP
VitaScan PD Bladder Scanner with VitaScan Mobile Cart	100570 MP
VitaScan PD+ Bladder Scanner with Carrying Case	100580 CP
VitaScan PD+ Bladder Scanner with VitaScan Mobile Cart	100580 MP
<b>Extra</b>	
VitaScan Calibration Test Tool	100651
VitaScan Verification Test Tool	100752
5-year warranty extension (VitaScan Probe)	100700

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