

Save Effort Save Time



CUBESCANTM
BioCon-1100

Why Bladder Scanner?

A bladder scanner is a portable ultrasound device performing a quick, easy and non-invasive scan of the bladder. It can improve efficiency, reduce costs, and save time through the following use.

- **Non-invasive portable tool for managing and treating urinary outflow dysfunction**



- Measurements for post void residual (PVR) and/or bladder volume
- Monitoring post-operative urinary retention (POUR)
- Evaluation of many common urological concerns (LUTS: Lower Urinary Tract Symptoms)

- **Reduction of unnecessary urinary catheter placement**

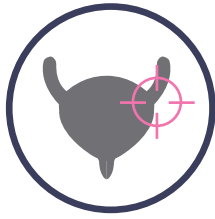


- Decision support for timely intermittent catheterization
- Reduction in catheter associated urinary tract infection (CAUTI) rates
- Improvement of the quality and safety of patient care



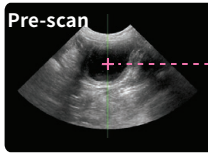
CAUTI (Catheter-Associated Urinary Tract Infection) Prevention

UTI is the most common type of HAI (Healthcare Associated Infection) and most of UTIs obtained in the hospital are associated with a urinary catheter. That is why UTI (Urinary Tract Infection) is called catheter-associated urinary tract infection (CAUTI). Avoiding unnecessary urinary catheterization is the most effective way to prevent CAUTI.



Accurate & Better performance

Accuracy and speed are the core values of CUBEScan™ series. The special features of BioCon-1100 lead to the reliable measurements.



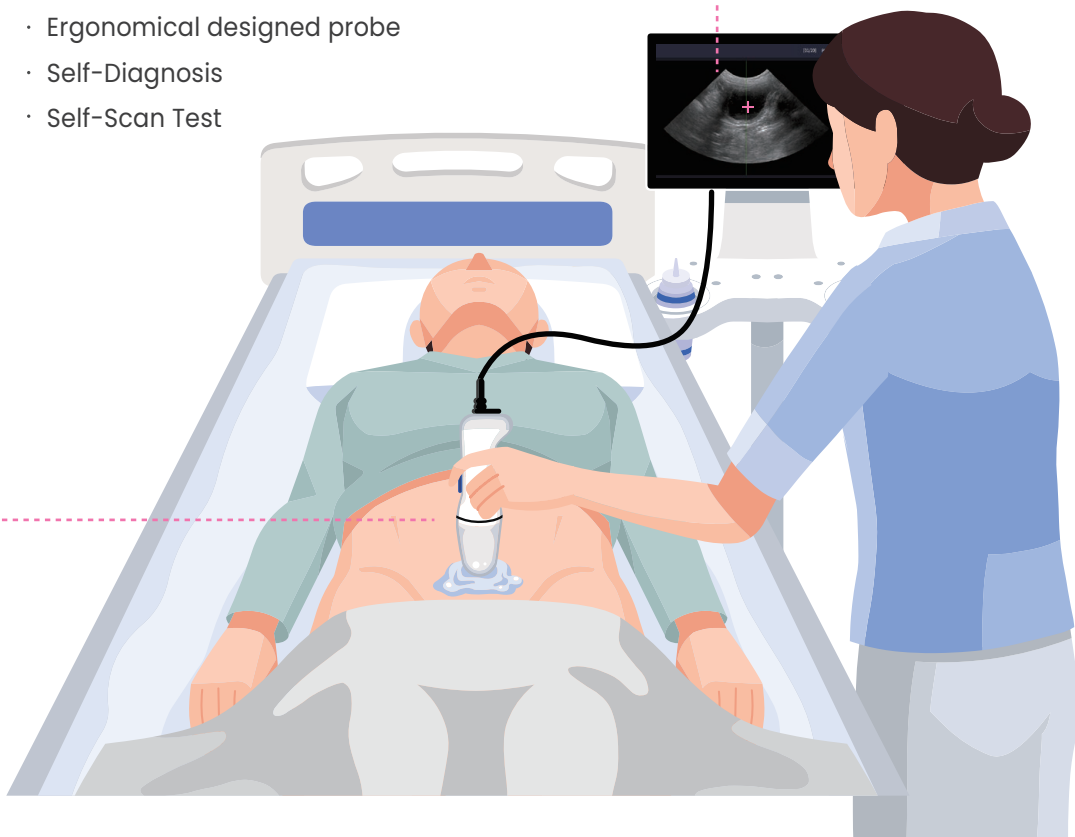
- Accuracy: $\pm 7.5\%$ ($\pm 7.5\text{ml}$)
- BladderPoint™
- Pre-scan
- ACT™ (Auto-Construction Technology)



Durability

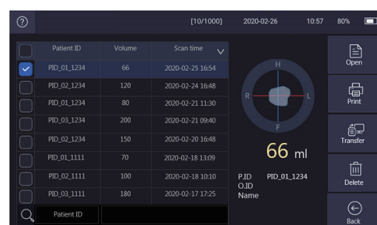
The robust probe and simple maintenance tools enable effective device management.

- Ergonomical designed probe
- Self-Diagnosis
- Self-Scan Test



Data Management

BioCon-1100 with the encrypted system enables simpler and more effective data management based on OS. The efficient management of medical records and patient information can be accomplished.



- Operating System
- Cybersecurity
- Data Output via HL7
- Data Transfer via Wi-Fi Direct
- Barcode Reader

Our bladder scanner, CUBESCAN™ series, was started with the basic value of "SIMPLE, ACCURATE, DURABLE". Experience an optimized work flow beyond the limits of time and place.



BioCon-1100 Technical Specifications

Display	Color touchscreen 10.1 inch	Patient ID input	Virtual keyboard / Barcode reader
Volume Range*	0-999ml Accuracy : 0-99ml ± 7.5 ml 100-999ml ± 7.5 %	Interface	Wi-Fi Direct Barcode Reader
Scan Time	Approximately 2 seconds	Printer	Built in thermal printer
Ultrasound Probe	Dual frequency (2.8 MHz, 3.7MHz) B-mode scan image Scan angle: 120° Penetration depth: 23cm	Power	Rechargeable Li-ion battery Charging time: approximately 4 hours Approximately 1000 scans available
IP rate	Probe: IPX5	OS	Linux

* Based on the CUBESCAN Phantom



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