

# Save Effort Save Time



**CUBESCAN™**

# 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**

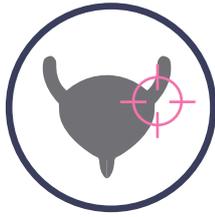


- Decision support for timely intermittent catheterization
- Reduction in catheter associated urinary tract infection (CAUTI) rates
- Improvement of the quality and safety of patient care



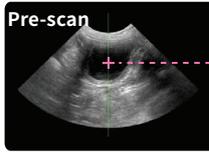
## CAUTI (Catheter-Associated Urinary Tract Infection) Prevention

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.

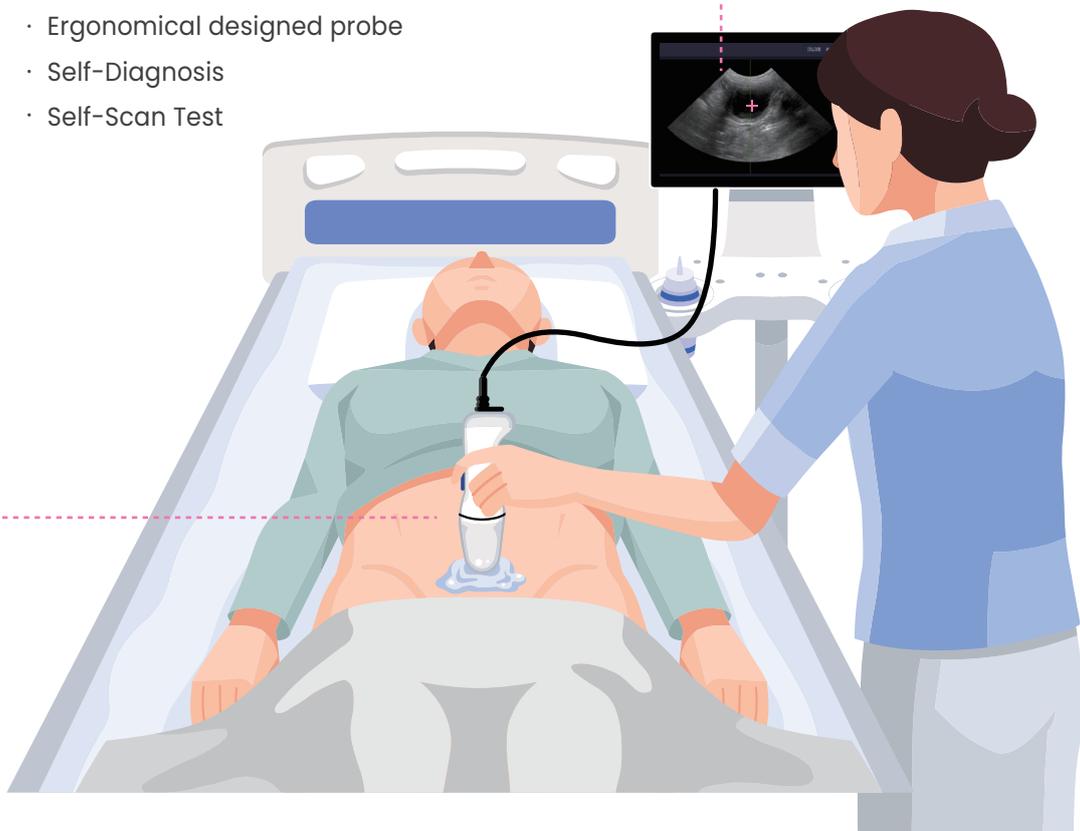


- Accuracy:  $\pm 7.5\%$  ( $\pm 7.5\text{ml}$ )
- BladderPoint™
- Pre-scan
- ACT™ (Auto-Construction Technology)

## 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.



Patient ID	Volume	Scan time
<input checked="" type="checkbox"/> P01_01_1214	66	2020-02-25 16:54
<input type="checkbox"/> P01_02_1234	120	2020-02-24 16:48
<input type="checkbox"/> P01_01_1234	80	2020-02-21 11:30
<input type="checkbox"/> P01_01_1234	200	2020-02-21 09:40
<input type="checkbox"/> P01_02_1234	150	2020-02-20 16:48
<input type="checkbox"/> P01_01_1111	70	2020-02-18 13:09
<input type="checkbox"/> P01_02_1111	100	2020-02-18 10:10
<input type="checkbox"/> P01_03_1111	180	2020-02-17 17:25

66 ml

P.ID: P01\_01\_1214  
O.ID:  
Name:

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

# CUBESCAN™

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 ±7.5ml 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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MCB-BioCon-1100-EN (Rev.1.2)