

CUBESCAN™

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



BioCon-1100 Technical Specifications

Display	Color touch screen 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

**For a new battery module fully charged, Tested on Mcube Technology's test conditions.

Save Effort Save Time



Mcube
Mcube Technology Co., Ltd.

39, Magokjungang 12-ro, Gangseo-gu, Seoul, 07789, Republic of Korea
Tel: +82)2-3421-7780
Website: www.mcubetech.co.kr E-mail: mcube@mcubetech.co.kr

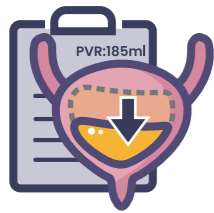
MCB-BioCon-1100-EN (Rev.1.3)

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

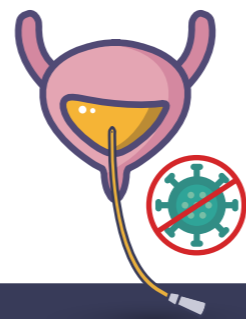


- Measurements for post void residual (PVR) and/or bladder volume
- Monitoring post-operative urinary retention (POUR)
- Evaluation of many common urological concerns (LUTS: Lower Urinary Tract Symptoms)

• 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



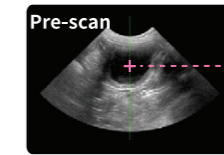
CAUTI (Catheter-Associated Urinary Tract Infection) Prevention

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.

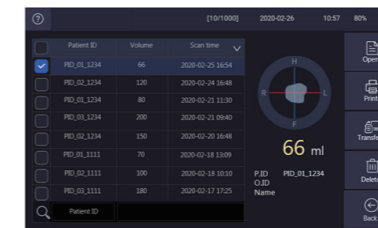


- Accuracy: $\pm 7.5\%$ ($\pm 7.5\text{ml}$)
- Bladder-Point™
- Pre-scan : A live view of the ultrasound image
- ACT™ (Auto-Construction Technology)
- Onboard tutorial
- Scan guide



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



Durability

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

- Ergonomical designed probe
- Self-diagnosis
- Self-scan Test

