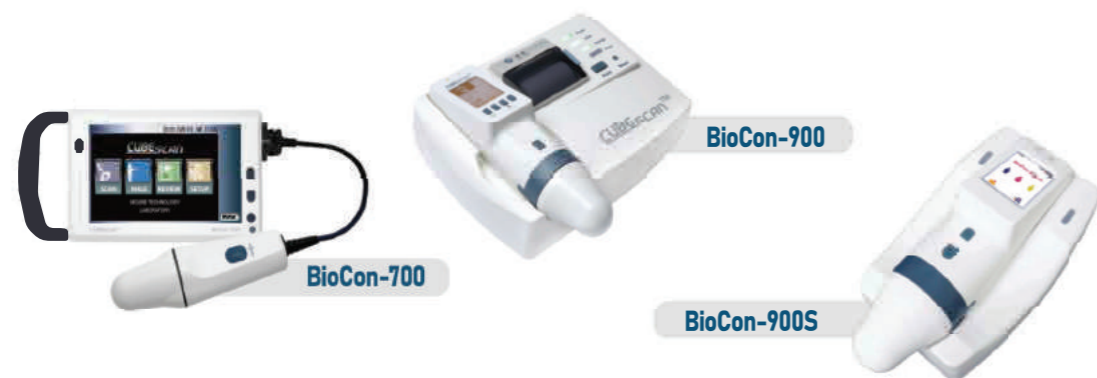


# CUBESCAN™

CUBEScan™ Bladder Scanners are portable 3D ultrasound medical devices to measure the bladder volume and PVR (Post-Void Residual urine) quickly and accurately with B-mode live image. CUBEScan™ series provides consistent product quality, useful functionality and ease of use. For more detailed information, please contact Ecomed or refer to our website below.



## BioCon-900S

Bladder Volume Measurement System

Display	TFT-LCD 2.7 inch	Power	Rechargeable Li-ion battery Nominal Voltage: 3.6V Nominal capacity: 5200mAh Charging time: less than 6 hours A fully charged battery delivers approximately 1000 scans**
Volume Range	0-999ml Accuracy: 0-99ml ±10ml, 100-999ml ±10%*	Patient ID Input	Virtual keyboard 1D/2D Barcode reading (Optional)
Scan Time	Approximately 2 seconds	User Interface	Icons and 2 buttons Touch screen
Ultrasound Probe	Dual frequency (2MHz, 3.4MHz) B-mode scan image Scan angle: 120° Penetration depth (Normal patient): 23cm (Children): 8cm		

\*According to the scanning instruction and scanning on a Mcube Technology Tissue-Equivalent Bladder Phantom.  
\*\*For a new battery module fully charged, Tested on Mcube Technology's test conditions.



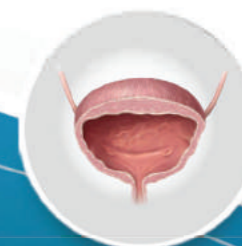
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# CUBESCAN™

## BioCon-900S

Compact Bladder Scanner



WITH  
NEW PROBE  
DROP-TESTED  
TO 1.5M



Man, Machine & Medicine  
Mcube Technology Co., Ltd.

## Simple but Powerful Cordless Probe

CUBEScan™ BioCon-900S is a hand-held, non-invasive ultrasound device that measures bladder volume quickly and easily. This compact bladder scanner provides all the functionality you need at a reasonable price.

## Core Features of BioCon-900S



### Specially Designed Probe

CUBEScan™ BioCon-900S probe has a fully sealed and gap-free surface making it is easy to remove residue and clean. Effective against contamination and associated infection with the new touch screen.

\*All materials of the probe comply with global regulatory requirements for medical use.



### Customizable Workflow

Touch screen makes it easier to add patient information and tagging data. Barcode reader is a convenient way for patient identification and keeping information secure. Cordless charging system of CUBEScan™ helps optimize your workflow.

\*Barcode reader is an optional item.



### More Portable and Durable

BioCon-900S is specially designed to withstand accidental dropping. The probe is light-weight for convenient carrying and has improved structural durability. Drop tested to 1.5m.



### ACT (Auto-Construction Technology)

By using 3D volume estimation modeling, bladder volume is accurately calculated even when off-center scans are performed.

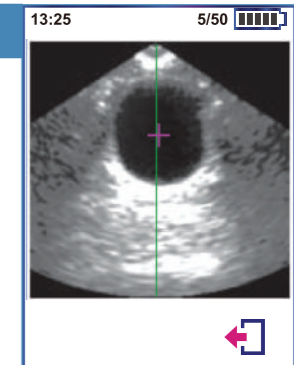


## Pre-scan

Provides a live ultrasound image before scanning enabling the user to easily locate the bladder for quicker, more accurate readings.

### Bladderpoint™

A proprietary bladder targeting system used in Pre-scan mode to obtain a quick and accurate scan by placing a marker on the center of the bladder.



## Self-Diagnostic function

CUBEScan™ BioCon-900S has a Self-Diagnostic function which enables users to check the functionality of the probe. (Phantom or Calkit calibration is also available for in-house calibration)

## Scan Depth

BioCon-900S has a deeper scan depth of 230mm which enables use on higher BMI patients.

## Scan Time

BioCon-900S is able to measure bladder volume in only 2 seconds.

## Child Mode

Users can measure even a small amount of volume for children more accurately in child mode.

## Storage and Transportation

The mobile cart of BioCon-900S affords safe storage and transportation. The cradle protects the probe from accidental drops. Protective carry case available.



BioCon-900/900S  
Protective Carry Case  
Part No. 4B93109001