

The Popular Choice of Bladder Scanner

CUBESCAN™

Model: BioCon-700

Mcube Statement

All executives and staff of Mcube Technology are committed to develop and manufacture quality medical devices for the enhancement of patient welfare and quality-of-life outcomes.

Alternative models available



BioCon-900



BioCon-900S

Bladder Volume Measurement System **CUBESCAN™**



**WITH
NEW PROBE**
DROP-TESTED
TO 1.5M

BioCon-700

Bladder Scanner! Why?

What is CUBEscan

CUBEscan Bladder Scanner is the portable 3D ultrasound medical device to measure bladder volume and PVR (Post-Void Residual volume) quickly and accurately with live images shown on Pre-scan.

Live image with Pre-scan

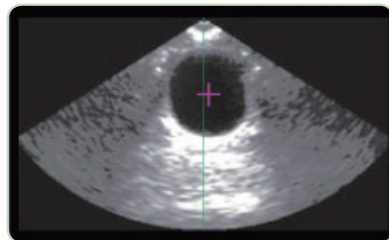
Pre-scan shows a live ultrasound image before scanning, this enables users to easily locate the bladder for greater accuracy.

The Built-in Printer

Enables immediate on-site printing.

The Color Touch Screen

Fast entry and editing of information with on-screen keyboard.



Bladderpoint™

A conspicuous bladder point mark for real-time tracing of bladder position during Pre-scan. [+]

Child Mode

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

ACT (Auto-Construction Technology)

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

Grip and Scan

New ergonomical probe design enhances ease of use.

Easily Locate Bladder & Measure Accurate Volume

Clinical Applications

Medical Service

- Urology
- Obstetrics-Gynecology
- Geriatrics
- Pediatrics
- Rehabilitation
- Surgical
- Operation Room
- Recovery Room
- Emergency
- Intensive Care
- Extended Care
- Home Health

Effects

- Diagnose urinary retention and evaluate many common urological conditions
- Prevent unnecessary catheterization
- Reduce rates of urinary tract infection
- Monitor post-operative recovery
- Screen different types of incontinence to determine appropriate care
- Help caregivers manage and treat incontinence
- Reduce costs and save staff time

**PROBE
DROP-TESTED
TO 1.5M**
Probe repair/replacement during first year of use regardless of cause of damage.



**3 YEAR
WARRANTY**
UPGRADE TO
**5 YEARS
AVAILABLE**



BioCon-700 Protective Carry Case
Part No. 4ME0200010

Characteristics

- Non-invasive measurement
- Live image with Pre-scan
- Review of scanned bladder images
- Save and retrieve scanned information
- PC-transfer for scan data
- Built-in printer

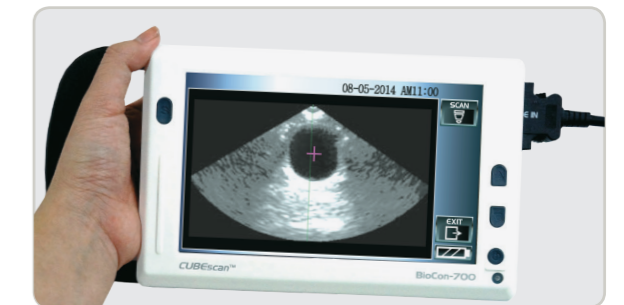
Features

- Voice recording and playback
- 3 patient modes: male, female and child
- Increased mobility with large capacity battery pack
- Fast patient ID input & editing using touch screen
- Operation on battery and/or mains power adapter
- Easy PC-transfer (USB cable or SD card)
- Self diagnostic function and in-house calibration made easy with the use of either Mcube Calibration Kit or Phantom Bladder.

External SD card makes it possible to save all patient scan data to PC and to review on monitor



Grip and Scan



Technical Specifications

Display	7" TFT-LCD (WVGA) 16.7M colors (Color Touch Screen)
Volume Range	Range = 0-999ml Accuracy = 0-100ml (+/- 15ml) 100-999ml (+/- 15%)
Printer	Built-in (50mm width) thermal printer
Ultrasound Probe	3D Sector Scan, 2.6MHz ultrasound frequency, B-Mode Scan, Scan Angle: 120°
Power	3A, 9V DC Adapter (Adapter Input: AC 100 ~ 240V 50/60Hz) 7.4V battery pack (Li-ion)
Dimension	66mm(L) x 202mm(W) x 130mm(H) (0.92Kg)
Ultrasound Output Parameter	Maximum (I _{SP7A}): ≤1mW/cm ² Maximum (I _{SP7B}): ≤10W/cm ² Maximum MI(Mechanical Index): ≤0.9max Transducer diameter: 10mm Transducer Resonant Frequency: 2.6MHz

* Consumables: Battery Pack, Thermal Paper, Ultrasound Gel

* Rolling Cart (Optional): The spec. of Rolling Cart may differ according to local supplier

* 1) According to the scanning instruction and scanning on a Mcube Technology Tissue-Equivalent Bladder Phantom