

New Choice for Bladder Scanner



High Fidelity & Quick Support

Mcube aims at developing more advanced medical equipments to contribute the enhancement of the medical treatment environment for the patients as well as the hospitals with the 3D ultrasonic Bladder Scanner, the Pelvic Floor Magnetic System (PSM), the Extracorporeal Magnetic Stimulation (EMS), Uroflowmetry CubeFlow and etc.

Bladder Volume Measurement System
CUBEscan



BioCon-500™



Magnetic Stimulatory
BioCon-1000Pro



Uroflowmetry
CubeFlow



Biofeedback
BioCon-200



Man, Machine & Medicine

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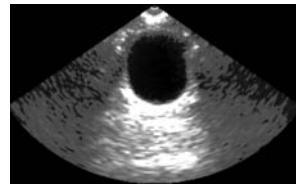
What is CUBEscan

CUBEscan bladder Scanner is the portable 3D ultrasonic medical device to measure quickly and accurately the bladder volume and the Post-Void Residual (PVR) on Real-Time Pre-Scan.

Real-Time Pre-Scan

The 'Real-Time Pre-Scan' function shows the Real-Time Ultrasound Image on the LCD screen and hence enables any non-trained user to locate easily the bladder position for accurate scanning and reliable measuring.

▷Reversed Image



On-Site Printing and PC-transfer

The measured information can be printed via built-in printer or transferred to PC for viewing, printing or archiving purpose via USB-supported cable connection.

▷PC-Transfer



Easily Locate Bladder Position & Get Accurate Volume

Clinical Applications

Medical Service

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

Effects

- Diagnoses urinary retention and evaluate many common urological conditions
- Prevents unnecessary catheterization
- Reduces rates of urinary tract infection
- Monitors post-operative recovery
- Screens different types of incontinence to determine appropriate care
- Helps caregivers manage incontinence
- Reduces cost and saves staff time



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Characteristics

- Non-Invasive Measurement
- Real-Time Pre-Scan
- Review of scanned bladder images
- Save and Retrieval of scanned information
- PC-transfer for Scanned information
- Built-in Printer

Benefits

- Screens urological problems
- Evaluates urinary retention
- Prevents bladder over-distension
- Reduces rate of urinary tract infection
- Measures PVR (post-void residual)
- Minimizes unnecessary catheter usage
- Prevents post-operative urinary retention
- Minimizes Incontinence episodes

For Patients

- Preserves patients dignity
- Reduces patients pain and discomfort
- Improves quality of life
- Reduces overall cost of care

For Hospitals

- Improves quality of patient care
- Reduces the frequency of catheterization
- Saves staff-time and increases job satisfaction
- Saves total expenses
- Enhances good reputation

Technical Specifications

Power	16V DC Adapter (input: AC100-240V 50/60Hz) 7.4V Li-Ion Rechargeable Battery
Power Consumption	30VA
Ultrasound Probe	3D Sector Scan, 2.8Mhz ultrasound frequency, B-Mode Scan
Display	5.6" STN LCD (320 x 240 pixels, 16 gray levels)
Printer	Built-in (50mm width)
Volume Range	0-999mL: Accuracy: ±20%, ±20ml(0-699mL); ±25, ±25ml(700-999mL)
Extended Interface	USB 2.0 Basic
Dimension with W/T	340(L) x 240(W) x 100(H)mm (3.0Kg)
Ultrasound Output Parameters	Maximum Power: 0.279mW max Maximum MI(Mechanical Index): 0.119 max Transducer diameter: 14mm Transducer Resonant Frequency: 2.8Mhz

- Consumable: Battery Pack, Thermal Paper, Ultrasonic Gel
- Rolling Cart (Optional)