



# M4

## Bladder Scanner

The M4 is a handheld portable bladder volume instrument, which can be applied in the department of surgery, emergency, ICU, obstetric, gynecology, radiotherapy, home health and nursing home. It provides the basis for clinical catheterization, evaluates the post-void residual after patient urination, and helps to make auxiliary diagnosis on the bladder and kidney diseases. It is also suitable for patients of lower body disability or loss of auto-urination function, to confirm the proper timing of urination.

- Non-invasive urinary bladder volume measurement
- Volume measurement accuracy:  $\pm 7\%$
- Reduce unnecessary catheterisation
- Rapid scanning, measurement result within seconds
- No annual calibration needed

- Modes selection: Easy, Expert Mode, Intelligence Mode
- Easy-to-learn and use
- Perform 3D imaging of bladder volume
- 2 orthorhombic images
- Printable patient info/bladder volume

- Internal storage on tablet, PC, or mobile phone
- Large data storage space: 10,000+ cases
- Patient history information review
- WiFi connection to tablet, PC, or mobile phone
- User-friendly capacitive touch screen

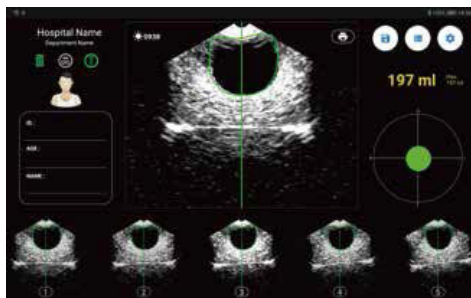
- Multiple language options
- Lightweight, Rechargeable battery

## Working Modes:

Modes selection: Easy, Expert and Intelligence. Expert mode is the default.  
When performing a pre-scan, the operator will observe the following exam results:

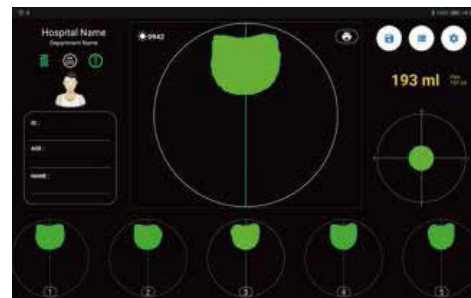
- Move the probe till the center of the bladder image reaches the green line
- Press scan button once the biggest bladder section is detected
- Twelve real time bladder ultrasonic images will be displayed during scanning

### Expert Mode:



- Displays an ultrasonic image

### Easy Mode:

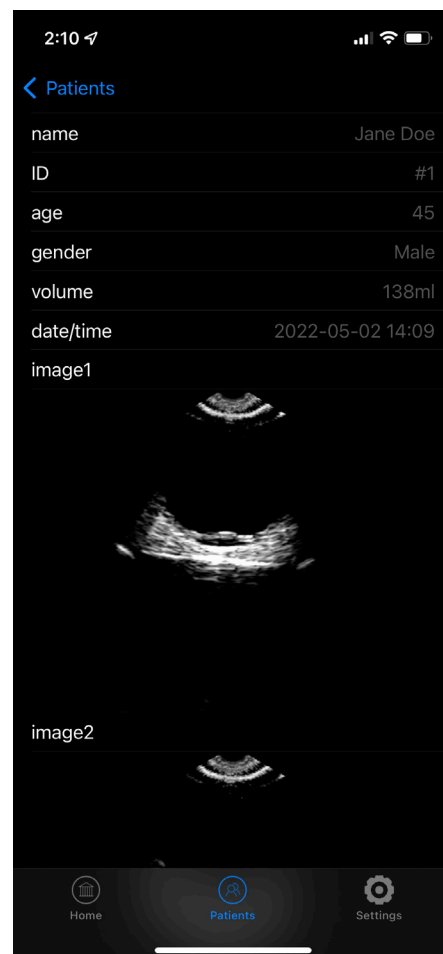
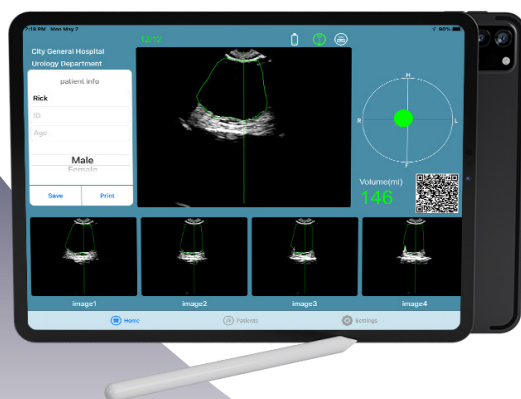


- Displays an easy to view figure

### Intelligence Mode:

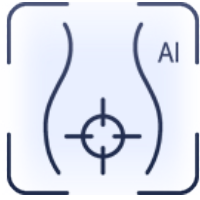


- Displays a real-time bladder scan projection position



# Feature Highlights:

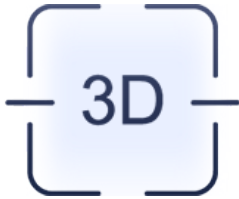
- Automatic bladder positioning



- Over 1000 patient history information review



- Bladder volume 3D scan imaging



- Wireless report printing via optional bluetooth printer



# Specifications:

### Modes of Scan

3D Scan

### Probe Frequency

2.5 MHZ

### Volume Measurement Accuracy

±7%, ±7ml

### Scanning Time

< 5 seconds

### Measure Volume

0ml-999ml

### Operation Mode

Easy, Expert, Intelligence Mode

### Language Selection

Multiple language:

English, Spanish, Swedish, Portuguese, Finnish, Chinese, French, Danish, Dutch, Norsk, German, Italian

### Battery Capacity

2400 mAh

### Print Mode

Optional Bluetooth printer

### Data Transmission

WiFi

PC software included for PDF reports

### Data Storage

Internal storage on phone or tablet PC

### Continuous Usage

2 hrs 20 min

### Stand By

> 4 hrs 20 min

Power saving mode with automatic shutdown options after 5, 10, 15 or 20 minutes.



Docking station included  
\*\*Optional Carrying Bag\*\*  
\*\*Optional Cart\*\*