

Actual Size



HD 5



PadScan
HD 5
Bladder
Scanner



reddot design award
winner 2013

- Safe
- Accurate
- Automatic
- Reliable
- Easy-to-use
- 2 Year Warranty
- Calibration Never Needed

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Features and specifications are subject to change without notice.

Caresono
Healthcare through innovation

PadScan HD 5 Bladder Scanner

Introducing the world's thinnest tablet Bladder Scanner - PadScan HD 5 !

The first tablet bladder scanner features a new 3D sector probe and real-time ultrasound imaging algorithms that measure the urinary bladder volume and post-void residual (PVR) quickly, safely, automatically and non-invasively. It is your ideal assistant to meet today's Point-Of-Care challenges.

Pre-scan Mode

- Real-time bladder wall outlining



Easy Mode

- Aiming icon guide



Touch Screen with full keyboard



Patient Data Management



Benefits of PadScan Bladder Scanner

- Prevents unnecessary catheterization and relieves patients' pain
- Reduces chances of urinary tract infection
- Monitors urine and prevents urinary retention
- Reduces cost for hospital and saves time for medical staff
- Easy to operate and no sonographer required

Related Specialties

- Urology
- Incontinence
- Rehabilitation/ Physiotherapy
- OB/ GYN/ Urogynecology
- Nursing
- Home care/ Age care
- Infection Prevention
- Emergency Medicine
- Internal Medicine
- Critical Care
- Extended Care
- Anesthesiology/ Surgery



ergonomic

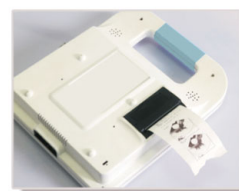
- ▶ System on Chip (SOC): enables advanced ultrasound technologies in an extremely compact design
- ▶ Full alphanumeric keyboard on 8" touch screen
- ▶ Lightweight tablet design, grab and go
- ▶ Streamlined workflow for scanning, data archiving
- ▶ Built-in thermal printer for easy printing

efficient

- ▶ Innovative implementation of Tissue Harmonic Imaging (THI) technologies to improve image quality and scanning accuracy
- ▶ Optimized frequency for adult and small child (2.5 / 5.0 MHz)
- ▶ New generation of 3D probe for real-time scanning and calculating
- ▶ Fast calculating within seconds
- ▶ Built-in memory and external USB disk for easy data storage

eco-friendly

- ▶ Care for environment during manufacturing
- ▶ Extreme compact design is energy efficient and reliable
- ▶ Improved battery life and less heating
- ▶ Helps reduce ecological footprint and contribute to a sustainable care environment



Built-in thermal printer



USB Disk for Data storage



Built-in Li-ion battery

TECHNICAL SPECIFICATIONS AND GENERAL SYSTEM INFORMATION

Component Specifications*

- Probe: 3D mechanical sector
- Standard ultrasonic frequency of operation: 2.5MHz
- Volume measure range: 0ml-999ml.
- Volume measure accuracy: $\pm 15\%$, $\pm 15\text{ml}$ (On Caresono tissue equivalent phantom)
- Scan time: <5 seconds
- Scan Depth: >190mm
- Operation methods: touch screen
- Tissue Harmonic Imaging (THI)
- Mode of the device: Two modes: expert mode and easy mode
- Patient data storage
- Information print
- Socket of USB flash disk
- Dimensions of the display: 8-inch TFT-LCD
- Power: 50W
- Dimensions: 210x252x52mm
- Weight: approximately 1500g (including the probe)
- Power at the state of charging: 30-120VA;
- Battery capacity: 2600mA
- AC power supply, batteries full charged or supply by the batteries: 30-40VA;
- Battery charge time: 2 hours;
- Battery life: 2 hours continuous scanning, 5 hours standby.
- Power adapter $\text{AC} 100\text{-}240\text{V} \pm 24\text{V}$ 50/60Hz,
- Main unit $\text{DC} 14\text{V} \pm 0.5\text{V}$