

# Portascan+™

A Truly Portable Real-Time  
Ultrasound Bladder Scanner



## mediwatch

Providing Complete Urological Diagnostic Services

### Features

- Real-time ultrasound scanning & image capture
- Simple, intuitive software with touch-screen input
- 3.5 - 5.0 MHz abdominal probe for adults & children
- Automatic bladder volume calculation
- Large database for storage of images, records and reports
- In-built thermal printer for immediate results
- Bluetooth® wireless connectivity (with Portaflow Advanced™ or Bioscan™ PSAwatch™ reader)
- On-board touch-screen virtual keyboard for data input

# Portascan+™

## A Truly Portable Real-Time Ultrasound Bladder Scanner

Urologists, primary care physicians and nurses rely on accurate imaging of the bladder in order to determine the need for treatment. The Portascan+ has been designed for use by a variety of carers in a point-of-care environment where immediate, reliable imaging and data acquisition is required. Using a Portascan+ can avoid unnecessary catheterisation, and so lower infection rates.

The Portascan+ is unique with a large real-time screen, a patient database and the ability to combine ultrasound scans with uroflow data wirelessly by Bluetooth®.

Simple point-and-freeze operation makes the Portascan+ the scanner of choice for the busy clinical environment. The Portascan+ calculates the bladder volume automatically from an ultrasound image. An in-built thermal printer provides a permanent hard copy printout of results for accurate record keeping and archiving.

In addition the Portascan+ has Touch-screen length & width callipers for kidney or other organ measurement, and USB input / output of data.

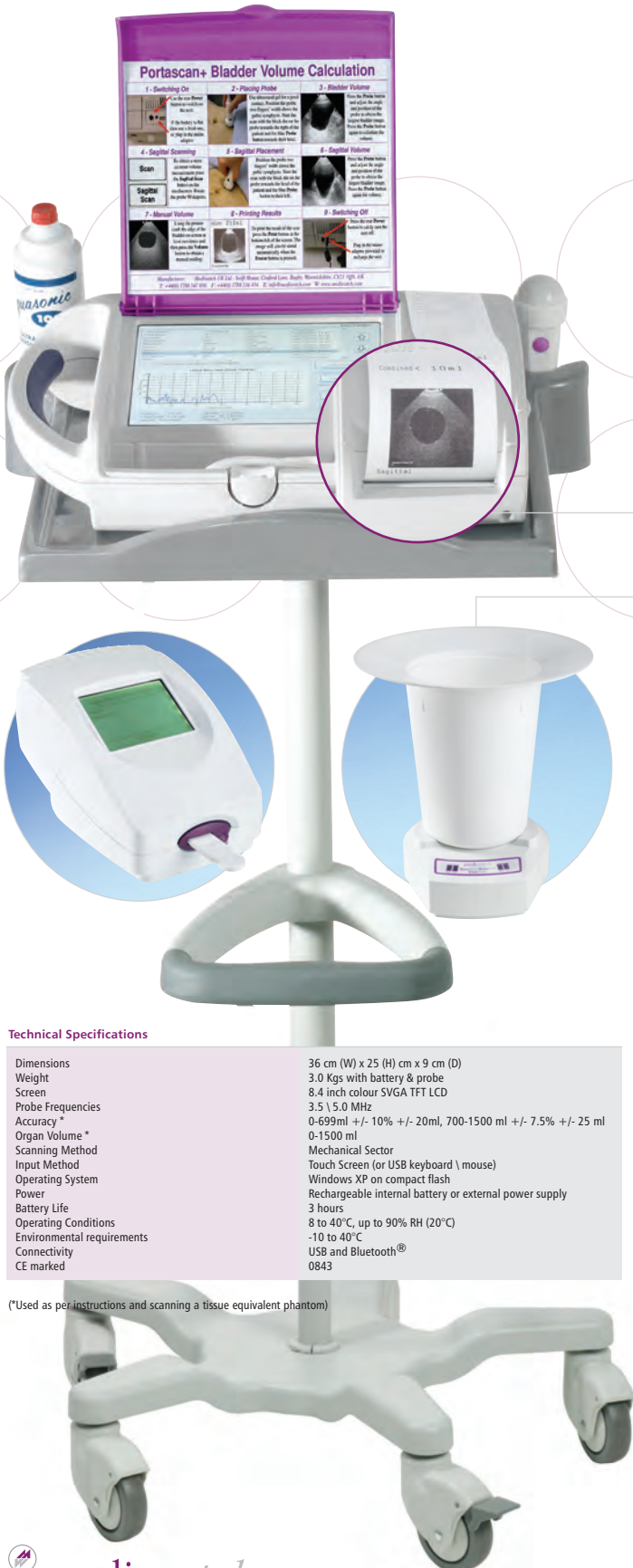
## Wirelessly integrate Bladder Images, Uroflows and PSA values

The versatility of the Portascan has been enhanced in the Portascan+ with the addition of a Mediwatch Portaflow Advanced or Bioscan, which can wirelessly integrate uroflow or PSA data. Results may be printed on the in-built thermal printer or sent to a Bluetooth® desktop printer for a full printout of a complete bladder report showing:

- Bladder images
- Post void volume
- Uroflow graph
- Uroflow data
- Urinalysis data
- PSA value

## Accessories

Description	Part Number
Complete Portascan+ with 3.5 - 5.0 MHz abdominal probe (Comes with Shoulder bag & removeable rechargeable battery)	U-0007
Mobile stand on wheels with tray & probe holder	PA-00231
Mobile stand on wheels with tilting head & quick-release	PS-00010
Replacement convex 3.5 - 5.0 MHz abdominal probe	PA-00251
Spare rechargeable battery	PA-00250
Ultrasonic gel	U-0208
Thermal printer paper	9021B3111
Desktop printer with Bluetooth® connection	9032F0470 & 9001A0025
Portaflow Advanced	E-0018




### Technical Specifications

Dimensions	36 cm (W) x 25 (H) cm x 9 cm (D)
Weight	3.0 Kgs with battery & probe
Screen	8.4 inch colour SVGA TFT LCD
Probe Frequencies	3.5 \ 5.0 MHz
Accuracy *	0-699ml +/- 10% +/- 20ml, 700-1500 ml +/- 7.5% +/- 25 ml
Organ Volume *	0-1500 ml
Scanning Method	Mechanical Sector
Input Method	Touch Screen (or USB keyboard \ mouse)
Operating System	Windows XP on compact flash
Power	Rechargeable internal battery or external power supply
Battery Life	3 hours
Operating Conditions	8 to 40°C, up to 90% RH (20°C)
Environmental requirements	-10 to 40°C
Connectivity	USB and Bluetooth®
CE marked	0843

(\*Used as per instructions and scanning a tissue equivalent phantom)



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