

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™ PSAscan™ reader)
- On-board touch-screen virtual keyboard for data input

Portascan⁺TM

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.

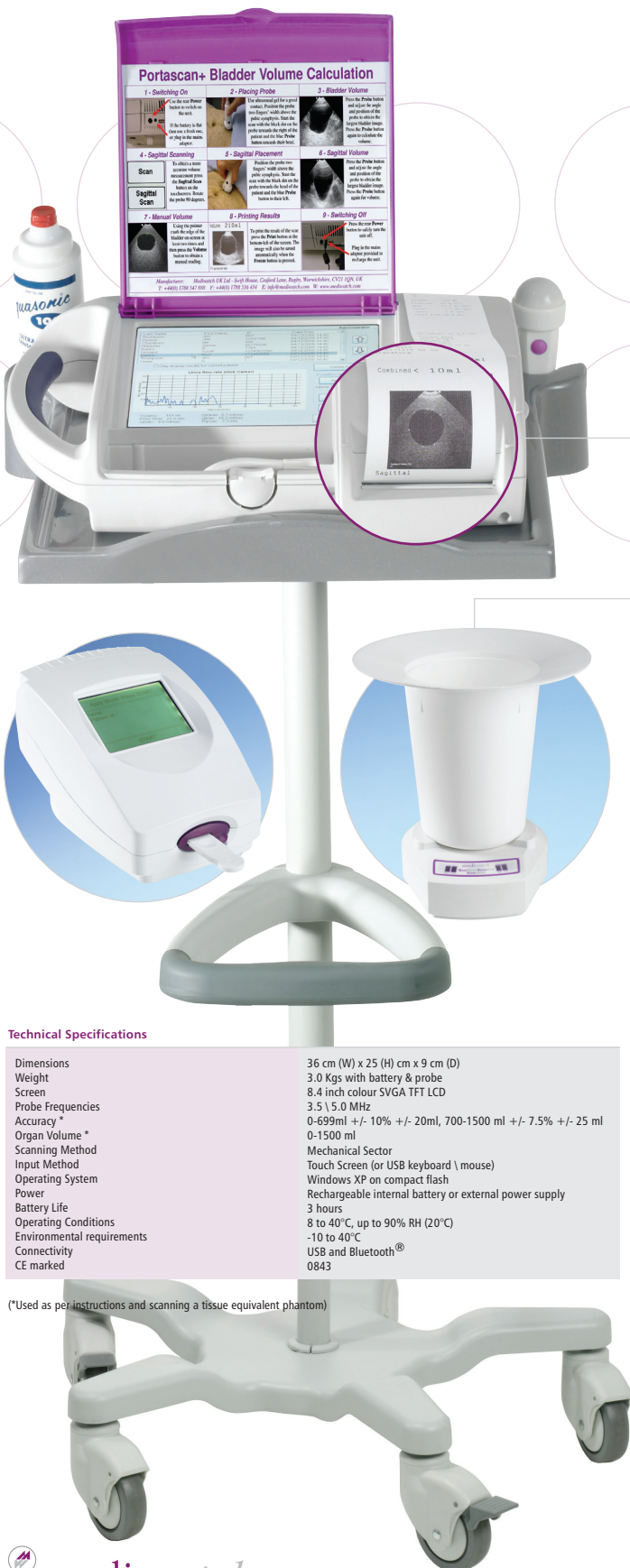
Wirelessly integrate Bladder Images, Uroflows and PSA values

The versatility of the Portascan has been enhanced in the Portascan⁺ with the addition of a Mediwatch Portaflo 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
- Uroflow graph
- Urinalysis data
- Post void volume
- Uroflow 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
Portaflo 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)



FDA 510(k) Approved K033906  0843

 mediwatch

Mediwatch UK Ltd - Swift House - Cosford Lane - Rugby CV21 1QN UK
Tel: +44 (0) 1788 547888 - Fax: +44 (0) 1788 536434
E-mail: info@mediwatch.com - Web: www.mediwatch.com

Mediwatch USA (North & South America) - 1501 Northpoint Parkway - Suite 103 - West Palm Beach - FL 33407 - USA
Tel: 1-561-471-2611 - Fax: 1-866-871-8262 - 888-471-2611 Toll Free USA only
E-mail: sales@mediwatchusa.com - Web: www.mediwatch.com

PS-G-F-1001-UK-A