

# Bioscan™ PSAwatch™

PSAwatch, the 10 minute, quantitative PSA test  
Accelerating Clinical Decisions



## Features

- Total PSA (0.5 – 25µg/l)
- 10 minute quantitative test
- Small sample (35µl of whole blood)
- Venous or capillary (finger-prick) blood sample
- Simple operation
- Touch-screen control
- Very portable - point-of-care
- Bluetooth® wireless connectivity
- Compatible with other Mediwatch products



# mediwatch

Providing Complete Urological Diagnostic Services

# Bioscan™ PSAwatch™



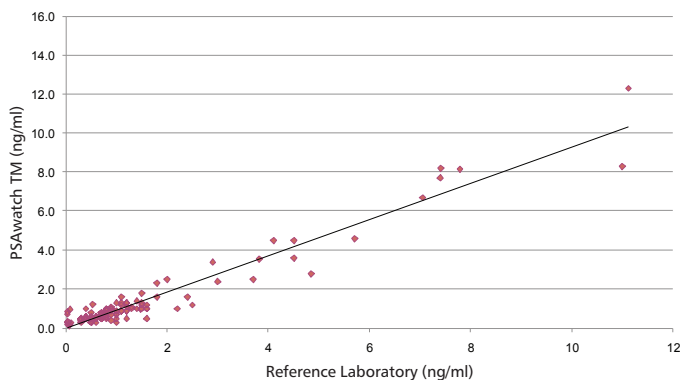
Thermal printer with Bluetooth



PSAwatch Printout

## PSAwatch™ is the First Low Cost Rapid Point-of-Care PSA test

PSAwatch™ with the Bioscan™ reader system is easy to use. No special training is required and the system is small enough to be used in any location. Place the PSAwatch™ cassette into the Bioscan™ reader, put the sample into the test well and wait 10 minutes for the PSA result. The test is clinically equimolar with NIBSC and European standards and correlates well with a standard laboratory assay [1]. The test works with whole blood from a venous puncture or capillary finger-prick draw.



Graph to show correlation of PSA determined by PSAwatch™ against laboratory result. [2]

### Technical Specifications

<b>PSAwatch</b>	
PSA Range	0.5 – 25µg/l (>25µg/l for higher PSA conc.) *
Sample	Whole blood
Sample Volume	35µL
Specificity [2]	99.5% *
Limit of Quantification [2]	0.41µg/l *
Assay Precision [2]	+/- 13% *
Test Duration	10 mins *
Standardisation	Clinically Equimolar with NIBSC and European standards
Operating Conditions (Cassettes)	Room Temperature & Humidity
Storage requirements (Cassettes)	10-25°C, up to 90% RH (20°C)
Minimum shelf life (Cassettes)	12 months
<b>Bioscan</b>	
Dimensions	13 cm (W) x 12 (H) cm x 19 cm (D)
Weight	1.0 kg
Screen	3.5 inch LCD
Input Method	Touch Screen and Bluetooth
Power	Medically approved power supply
Operating Conditions (Reader)	8 to 40°C, up to 90% RH (20°C)
Storage requirements (Reader)	-10 to 40°C, up to 90% RH (20°C)
Connectivity	Bluetooth®
CE marked	0843

(\*Used as per instructions)

[1] Point-of-care PSA testing: an evaluation of PSAwatch™.

Karim O, Rao A, Emberton M, Cochrane D, Partridge M, Edwards P, Walker I, Davidson I. Prostate Cancer Prostatic Dis. 2007;10(3):270-3. Epub 2007 Mar 13. PMID: 17353914.

[2] Data on file Mediwatch.

## Quantitative PSA at the Point-of-Care

Urologists, primary care physicians and nurses rely on accurate measurement of PSA for the management of new or recurrent prostate disease. The PSAwatch system measures PSA to one decimal place, in the clinically significant range (0.5 - 25µg/l) [1].

## PSAwatch™ Clinical Applications

- Men with LUTS (lower urinary tract symptoms)
- Suspicious DRE (digital rectal examination)
- PSA velocity and active surveillance
- Monitoring response of prostate cancer to therapy (hormones, radiotherapy, brachytherapy, cryotherapy or HIFU)
- Prostate cancer screening with age specific range
- Pre-biopsy PSA confirmation

## Accessories

### Description

<b>Bioscan Reader</b>
-with 2 multi-use fixed 35µl volume pipettes, power supply & user guide
<b>Thermal printer for Bioscan</b>
-with power supply & Bluetooth connection
<b>Kit of 20 PSAwatch cassettes</b>
-with pipette tips, buffer wash and positive control
<b>Kit of 20 Venous blood collection tubes</b>
-needles, needle holders, plasters, alcohol wipes, tourniquet and user guide
<b>Kit of 50 Capillary blood collection tubes</b>
- with plungers, plasters, alcohol wipes and user guide
<b>Replacement multi-use fixed 35µl volume pipette</b>
<b>Thermal printer paper for Bioscan printer, 5 pcs</b>

## Compatible with other Mediwatch Products

The PSA value may be sent by Bluetooth® to a printer for a permanent hardcopy of the result or to a Mediwatch Portascan+. It can also be sent by Bluetooth to the Portaflo Advanced software on a PC.



Portaflo Advanced



Portascan+

CE 0843



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