

# TOUCH SCREEN INFORMATION

## YOUR QUESTIONS ANSWERED

### WHY TOUCH SCREENS?

Clients purchasing TM2 Touch clinical notes are advised to use it with a touch screen in order to achieve all the benefits. However it is still possible to apply the software without the touch screen simply by using your mouse instead of your finger.

There are numerous advantages of using a touch screen such as enabling practitioners to take notes faster therefore ensuring more time with the patient.

The benefits of such technology are obvious. Rather than lugging along extra input devices such as a mouse or a keyboard, the user need only his finger to manipulate the chosen device. As a result, a practitioner can input patient information with one hand.

There are various touch screen devices such as:

- Touch screen monitors
- Touch Screen Overlays
- Tablet PCs

There are various brands on the market as well. Below is an explanation of each type of device and some of the well known brands that we have found which may be useful. We have also listed some of the factors to evaluate when deciding on which option suits you.

There are now so many different manufacturers on the market and that we do not specifically recommend one company, instead we suggest that you should consider the following options and choose a recognized brand that suits your budget. We also advise that you speak with a supplier before you make your choice as we cannot take responsibility for 3rd party products.

### TOUCH SCREEN MONITORS

A touch screen monitor is an input device that allows users to operate a PC by simply touching the display screen. Touch input is suitable for a wide variety of computing applications. A touch screen can be used with most PC systems as easily as other input devices such as track balls or touch pads.

A touch screen monitor looks just like a standard monitor, the only difference being that when you touch the screen with your finger, it is like pointing and clicking your mouse.



## Specification:

- minimum screen resolution of 1024x768 pixels

## Factors to Evaluate:

- Interaction via supplied pen, finger touch, or both
- Length of warranty
- Support package - return to base versus on-site repair
- Availability of replacement monitor in case of breakdown

Touch Screen Monitor Manufacturers / Specialist Suppliers:

Primemark - [www.primemark.com/epos/touch-screens.php](http://www.primemark.com/epos/touch-screens.php)

Elo Touch Screens - [www.elotouch.co.uk/products/default.asp](http://www.elotouch.co.uk/products/default.asp)

Protouch Touch Screens - [www.protouch.co.uk/touch/index.asp](http://www.protouch.co.uk/touch/index.asp)

## OVERLAY TOUCH SCREENS

Overlay touch screens are an easy and affordable way to add touch screen interaction to an existing display.

Touch overlay mounts externally for easy installation and connects via the USB port

Works with all standard mouse-driven software

Works alone or with keyboard and mouse

Works with finger, gloved hand, or pen stylus

Allows you to perform the following mouse functions: Left-Click, Double-Click, Drag-and-Drop, and Right-Click

They are manufactured by a company called Le Computer. We recommend you purchase them through the main UK distributor Magic Touch See their main website [www.magictouchscreens.co.uk](http://www.magictouchscreens.co.uk) for details:

Prices for these screens start at £115 each.

We use one of these screens ourselves, and they work very well.

## TABLET PCS

Tablet PCs are fully-functional laptop PCs and more. You can use the pen directly on the screen just as you would a mouse to do things like select, drag, and open files; or in place of a keyboard to handwrite notes and communication. For many Tablet PCs, the screen only receives information from a special pen. However some new Tablet PCs allow you to use just your finger.

By interacting directly with the screen, rather than with a mouse and keyboard, the PC becomes more comfortable and easy to use. There is no need to find a flat space on which to use your PC, nor does a vertical screen become a dividing wall between you and the person with you whom you are meeting. What's more, a Tablet PC can even be used while standing up, which is perfect for clinicians in a busy practice.



### Specification

- Minimum screen resolution of 1024x768 pixels
- running Windows XP Tablet Edition (NOT Windows CE)
- Min processor speed of 1.2 Ghz
- Min RAM of 256 Mb
- network connection (preferably wireless)

### Key Factors to Evaluate

- Battery Life
- Weight
- Size
- Ruggedness
- Interaction via supplied pen, finger touch, or both.
- Keyboard - integrated or a separate add-on
- Length of warranty
- Support package - return to base versus on-site repair
- Availability of replacement machine in case of breakdown

#### Tablet PC Manufacturers / Specialist Suppliers:

Toshiba – [www.toshiba.co.uk](http://www.toshiba.co.uk) then select Computer Systems, Laptops, Portege

HP – [www.hp.co.uk](http://www.hp.co.uk) then select Small & Medium business, Notebooks & Tablet PCs

Fujitsu - [www.fujitsu-siemens.com/products/mobile/tablet\\_pcs/index.html](http://www.fujitsu-siemens.com/products/mobile/tablet_pcs/index.html)

Motion Computing - [www.motioncomputing.co.uk/](http://www.motioncomputing.co.uk/)

The specifications and models of computers are continually updating, and the list above is just a sample. A web search will let you find the most up to date range of tablet PCs.

## SAMPLE TABLET PC

*HP Pavilion Laptop, TX1340EA with 12.1 Inch Display*



The HP TX1340EA brings a new 'twist' to laptop design with an innovative touch screen that can turn 180° and flatten into a slate to capture hand-written notes and drawings. The screen swivels around for viewing in tight spaces and can be controlled with the included HP mini remote control.



This 12.1 inch model is designed for ultimate mobility with slim dimensions and a weight of just 1.92kg. You can stay connected while you're out and about with its integrated Wi-Fi and take a wealth of media with you thanks to its large 120GB hard drive.

You can listen to your music, watch a DVD or live TV, and browse photos at the swipe of a finger with the convenient Quick Play launch buttons. And with its integrated 1.3 megapixel webcam and microphone you can send photos and video clips over the internet.

It handles multiple applications seamlessly thanks to its powerful AMD Turion 64 X2 dual core processor. It's secure too - you can keep all your information private with the built-in fingerprint reader. The package includes Windows Vista Home Premium and there's a 2 year guarantee.