



TriForm

TriForm[®] 3D BodyScanner

TriForm[®] is an innovative non-contact 3D image capture system from Wicks and Wilson designed for in-store, field survey and laboratory use.

The whole body shape is captured in a matter of seconds and is then processed to produce a full colour three dimensional image which can be displayed, measured or used in a variety of third party software applications.

Wicks and Wilson Limited





TriForm® BodyScanner

Simple, speedy and safe. A curtained booth provides privacy for the person being scanned who will ideally be wearing light, form fitting clothing, or underwear. A series of striped patterns of white light are projected on to the person and a number of images are captured. The image capture and processing technique digitises the surface of the person and converts it into a point-cloud containing up to 1.5M three dimensional co-ordinates and associated full colour data.

Simplicity

The capture technique is simplicity itself. Stand still for a few seconds while structured light patterns capture your body shape then let the automated software build you a complete 3D image – what could be simpler?

Speed

Using the TriForm® BodyScanner, a full 360 degree image may be captured in a matter of seconds. The processing of the initial captured data into a point-cloud takes less than one minute, after which the body shape may be viewed and manipulated on screen using viewing software supplied.

Safety

The TriForm® BodyScanner uses white light and is, therefore, intrinsically safe. The light used to scan the subject is produced by a normal slide projector type of lamp and is harmless; there are no invisible rays or other radiation.



Size

Occupying a footprint of only 2.5m x 1.5m x 2.4m high, the TriForm® BodyScanner booth is ideal for point of sale changing room use. The booth is suitable for disabled access and is easily dismantled for transportation.

Tools

The TriForm® BodyScanner is supplied with software to meet all the basic capture, alignment, editing and manual measurement requirements. Colour viewing software is also provided which can be used to view three dimensional image files.

Output

To allow TriForm® images to be used in other application specific software packages, such as animation or automatic measurement extraction, a variety of output options are available. Please refer to the TriForm® BodyScanner specification sheet for the latest output file formats.

Wicks and Wilson Limited



Morse Road, Basingstoke, Hampshire, RG22 6PQ UK

Telephone: +44 (0)1256 842211 Fax: +44 (0)1256 840997 Email: triform@wwl.co.uk Web: www.wwl.co.uk