



BIOSCANNER™

ADAPT OVERCOME PROSPER



Scan a patient in a mere 10 seconds. Both patients and referral sources will be amazed by the BioScanner's speed, efficiency and cutting-edge technology. Since registration marks are not required, you simply click and go. There is no prep work required. Change the mode to Optical Stylus and instantly place landmarks and alignment marks during the scan.

Any portion of the body may be scanned for orthoses or prostheses. There is no size limitation. A miniature transmitter is placed on the body to accommodate for movement. In addition to direct scans, the BioScanner is able to image negative and positive models, allowing you to use the clinical techniques you require for each patient. With the scan-through-glass technology you may position the body horizontally for a TLSO or utilize a weight bearing table for an AFO or foot orthotics. The BioScanner automatically corrects the refraction.

The precision of the BioScanner is as impressive as its speed. Capture shapes to an accuracy of 0.178mm. To further improve quality, the software streamlines the final scan to equally distribute the scan sweeps. You receive the most accurate scan available without added post processing time.

For mobility, the BioScanner packs into its own wheeled travel bag so it goes wherever you do. In the same spirit of freedom, you may convert scans to AAOP files* through www.noplaster.com or use the Bio Shape Manipulation Software** and convert them yourself. For increased function, the BioScanner Tools were designed to enhance the scanning process.

* Nominal fee applies

** Conversion license required

FEATURES

DUAL-CAMERA SCANNING WAND

Two cameras capture more detail, faster and in fewer sweeps.

MINIATURE TRANSMITTER

Fits directly on the patient to compensate for any movement, ensuring an accurate scan without time consuming setup.

OPTICAL STYLUS

Built into the wand, it changes the laser line into a laser point to place landmarks as you scan.

MECHANICAL STYLUS (OPTIONAL)

An actual pen, use for hard to reach areas or maximum precision.

SWEEP REGISTRATION SOFTWARE

Automatically tightens seams between sweeps to produce the smoothest scan possible.

SCAN-THROUGH-GLASS TECHNOLOGY

Scan patients through acrylic or other transparent material for positioning and/or weight-bearing

SPECIFICATIONS

COMPUTER REQUIREMENTS

1GHz (minimum) 2 GHz recommended for RBF option

512MB RAM, minimum 1GHz recommended

Windows® 2000 or XP

EXPORT FORMATS

STL - 3D Studio Max® - ASCII - AutoCAD® - IGES® - LightWave® - MATLAB® - Virtual Reality Modeling Language - Wavefront® - Open Inventor® - Visualization Toolkit - Polyworks® Scan

SCANNING RATE/RANGE/ACCURACY

Rate: 50 lines/second

Range: 23 inch radius (56cm) from wand to transmitter

Accuracy: Absolute - 0.178mm RMS (0.005in)

DISPLAY

Measurements shown in inches or millimeters

INTERFACE

USB only

BioSculptor[®]
innovative solutions