

The SensAble™ Dental Lab System: Impression Scanner

A new scanning option for the SensAble Dental Lab System (SDLS), the Impression Scanner provides labs with the flexibility to scan either models or impressions – simply, quickly and accurately.

Developed exclusively for dental CAD/CAM applications, the SensAble Dental Lab System Impression Scanner is a compact, yet high performance, scanner. As an OEM partner, SensAble works closely with Solutionix to optimize the capabilities of the scanner for the SensAble Dental Lab System.

The scanner incorporates a high-resolution 3D optical (white light) scanning module, and a two-axis, twin camera rotation system. A model mounted on the rotary stage automatically rotates, while the scanning module obtains 3D data. This allows precise scanning of complex models, such as impressions, in a short time. The unit includes a multi-die module for crown & bridge work.

FEATURES:

Twin-camera technology

The scanner obtains a single set of data with two cameras for greater precision.

White light scanning

White light scanning technology produces clearer (noise-free) 3D data.

Multi-die Module

Scan up to 8 dies in one scan session, for maximized productivity.

Deep scanning

A narrow angle between two cameras helps ensure a clean line of sight for complex models such as impressions.

Sharp margin lines

The high-resolution cameras are designed to capture the detail needed for sharp margin lines.

Variable scanning size

For small models such as inlays and onlays, you can select a specific scanning area for the models.

Open system, tightly integrated

An open scanner utilizing industry standard protocols, it has been tightly integrated into the SDLS to ensure a seamless workflow and a perfect fitting restoration, from case management through final fabrication.



SCANNER SPECIFICATIONS:

Size (W x H x D)	8.5" x 13.5" x 18"
Weight	27.5 lbs
Scanning area and point spacing	DS2-16L : 80mmX69mmX65mm (0.06mm) DS2-25L : 40mmX35mmX32mm (0.03mm) DS2-35L : 30mmX25mmX22mm (0.02mm)
Camera resolution	1.4 mega pixels
Accuracy	± 0.01 mm
Approximate scanning time	Single tooth : 1~2 minutes; Full arch : ~4 minutes
Rotary stage	2-axis movement (swing and rotation)
Light source	LED (30,000 hours)
Interface	USB 2.0



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Scanner specifications have been provided by the manufacturer, Solutionix, and the scanner may perform differently depending on SDLS software features utilized. It should be noted that impression scanning has inherent limitations, and cannot be used for all models. The Impression Scanner will be supported in v3 of the SDLS. Specifications may change without notice.

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