

## IMPRESSION SCANNER

The Impression Scanner for the Intellifit Digital Restoration System provides labs with the flexibility to scan either models or impressions simply, quickly and accurately.

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



### BENEFITS

- **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 scanner**  
This open scanner, utilizing industry standard protocols, has been tightly integrated into the Intellifit solution to ensure a seamless workflow and perfect-fitting restorations, from case management through final fabrication.

### SPECIFICATIONS

Size (W x H x D)	8.5" x 13.5" x 18"
Weight	27.5 lbs
Scan area & 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
Approx scanning time	Die: 20 sec/unit*; Full arch: 3 min
Rotary stage	2-axis movement (swing and rotation)
Light source	LED (30,000 hours)
Interface	USB 2.0

\*using multi-die