

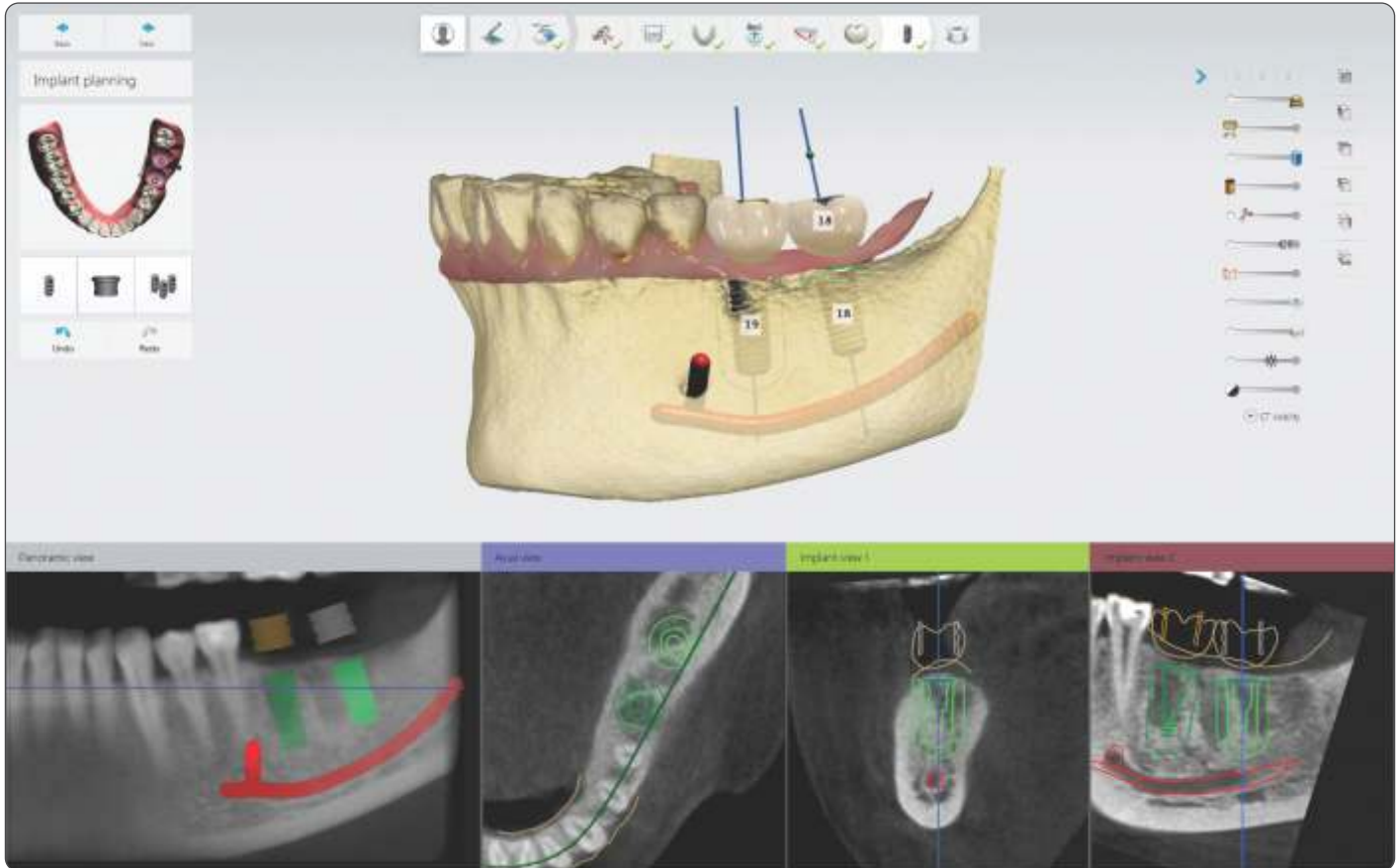
3shape 

Digital Implantology Solutions™

Implant Planning and Surgical Guide Design



Implant Studio™ - Surgical Guides at Lower Cost



Surface Scan & CBCT Scan



Prosthetic Setup



Implant Planning



Design and produce guide



Guided Surgery



Provisional and final restoration



Why Digital Implant Planning & Surgical Guides?



Improve patient experience and patient comfort

5

Reasons to Go Digital



Reduce patient chair time and number of patient visits



Consistent surgical procedure every time



Enhanced predictability of final result for dentist, lab and patient



Get digital accuracy & omit manual errors

Form 2

The most advanced desktop 3D printer ever created.



Large prints, incredible resolution.

At the heart of the machine is a powerful optical engine: a 250mW precision laser is guided by custom-built galvanometers, delivering big prints with spectacular detail.

Engineered for precision. Designed for reliability.

A new peel mechanism and heated resin tank create a reliable print process for large, solid parts and small intricate details.

Build Volume - 145×145×175 mm

Layer Thickness - 25–100 microns

Laser Spot Size - 140 microns

Laser Power - 250 mW



Formlabs Resin Library

Advanced materials designed to deliver beautiful results.

Dental SG Resin

This is Class 1 biocompatible resin for surgical guides.



Dental SG is a Class 1 biocompatible resin (EN-ISO 10993-1:2009/AC:2010, USP Class VI) for creating precise surgical guides and similar applications. Tuned for accuracy and precision, the resin is designed to directly print surgical and pilot drill guides.

The 3DDX Surgical Kit



Drills for every case

With a wide selection of drill diameter sizes and variable lengths, you can count on the 3DDX Guided Surgery Kit to cover all your implant procedures.

Compatible with your implants

The 3DDX Guided Surgery kit has been designed with maximum compatibility in mind. Our kit will work with all implant systems!



Fixation made simple

In addition to the drills and keys, the 3DDX Guided Surgery Kit includes a tissue punch, three fixation pins & one fixation drill. This gives you the Surgical Guide stability needed for edentulous cases right out of the box!

Notes