



High Accuracy
Local Accuracy 10 μm



Fast Scanning
Single arch scan within 30 S



Lightweight
Weighing only 180 g



User-Friendly
Formx easy-to-use software



Formx Dental FX-650 Intraoral Scanner

Lighting-fast & Intelligent Scanning

Ultra-lightweight & Compact Size

Capable of autoclave sterilization up to 80 times

Formx Cloud : Share, preview, and collaborate anytime.

AI precision for full-arch edentulous workflows

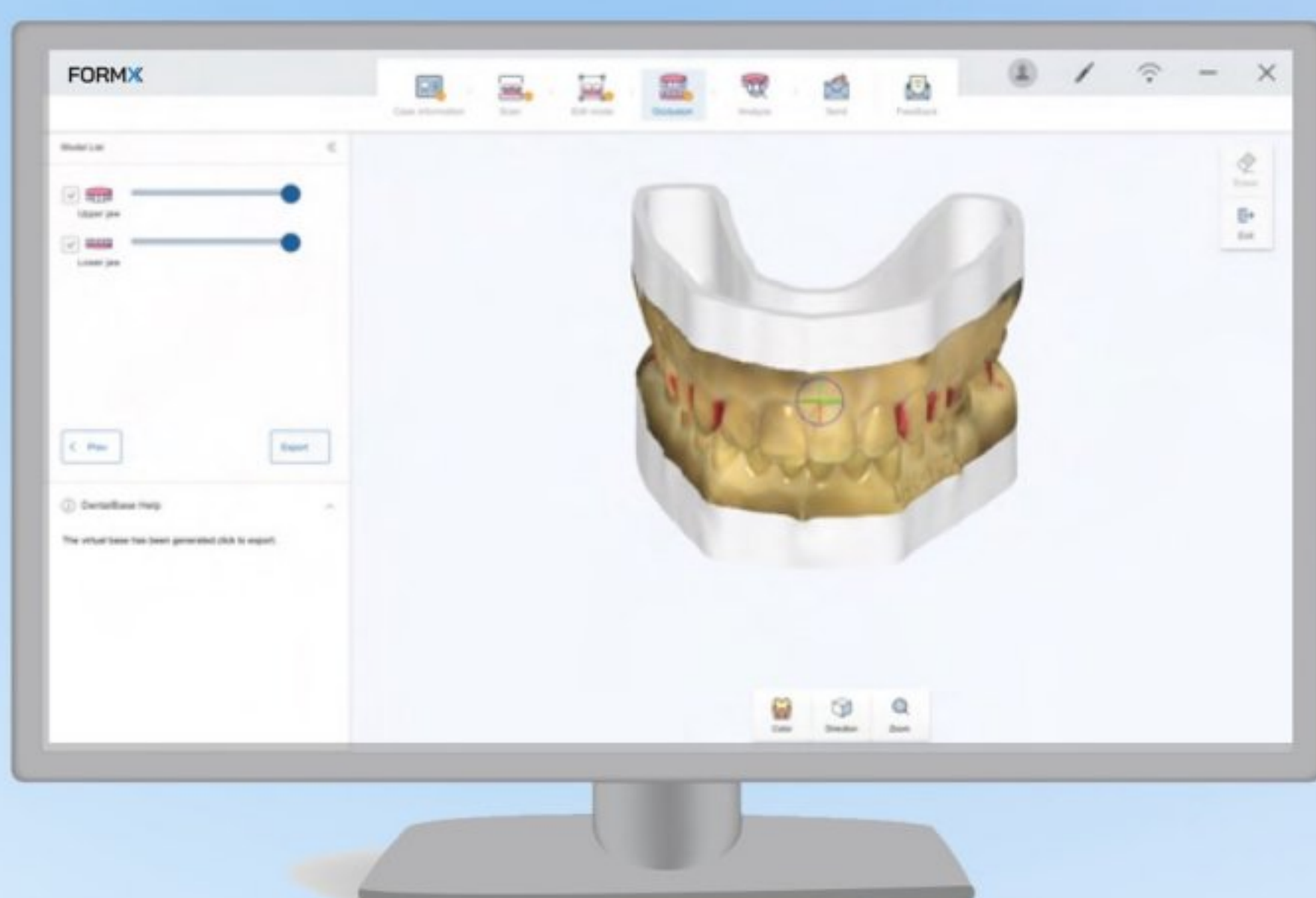
Auto-Cooling for High-Performance Scanners

Two Tip Sizes

FX 650

Technical Specifications

Single Arch Scan Time	30s
Local Accuracy	10 μm
Scanner Dimension	220*36*34mm
Weight	180g
Tip Size	Standard: 20 mm ×17mm Medium: 17 mm ×14.5 mm
Scan Depth	-2~18mm
3D Technology	Triangulation
Light Source	LED
Data Format	STL, PLY, OBJ
Standard Warranty	2 years
Field of View	17mm x 15mm
Continuous scanning time	N/A
Autoclavable Times	≥80 times
Frames Per Second	30
Wireless Range	N/A
Medical Cart Size (DL-300)	640*20*1175mm

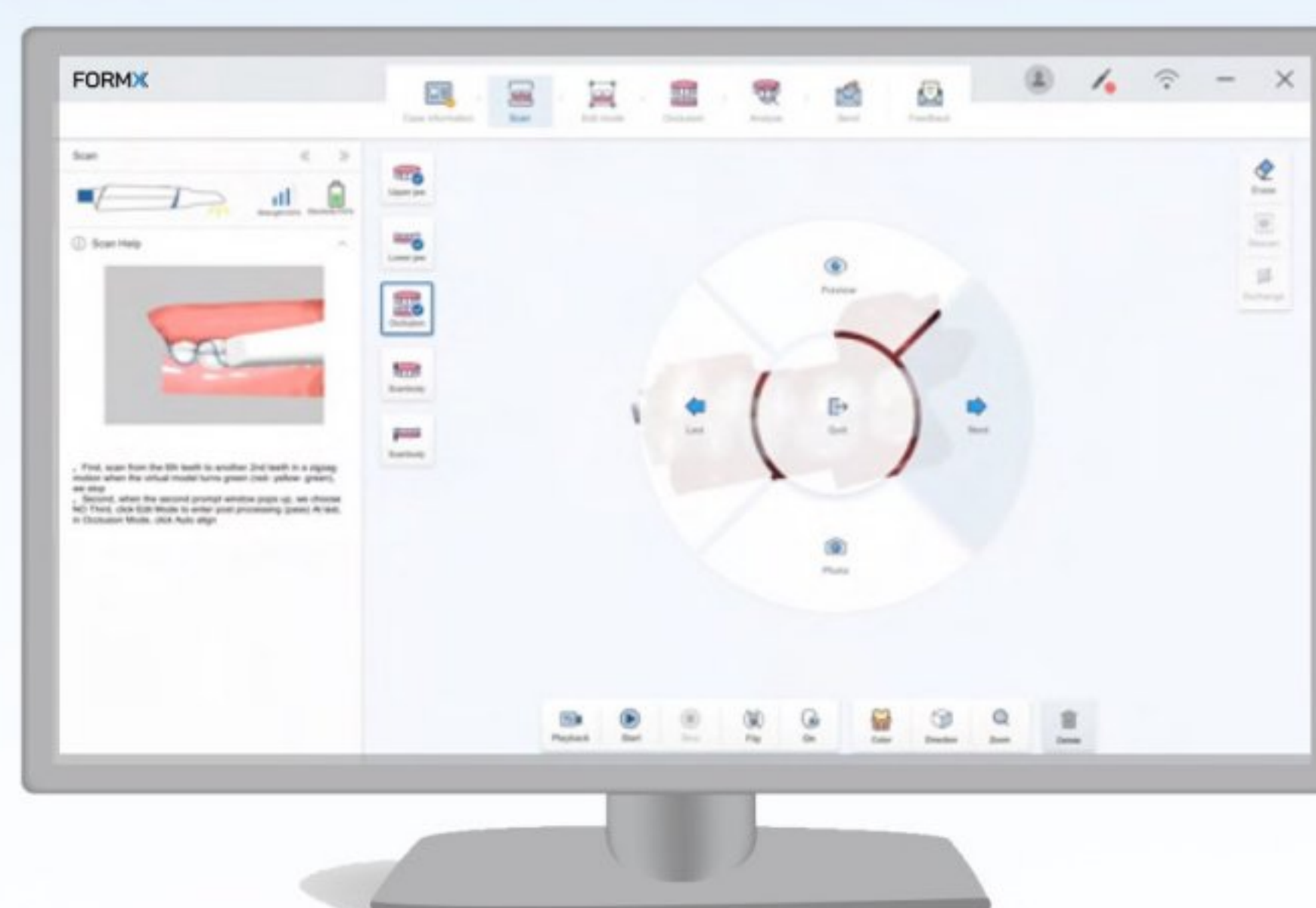


Model Base

The model base function enables our users to easily create very precise and detailed dental models for 3D printing using digital impression data, which facilitates optimal treatment planning and enhanced patient communication.

Remote Control

Enjoy a more hygienic workflow and convenient controls at your fingertips. The Fx 650 series allows you to effortlessly check scan data by controlling the scanner itself. Rotate, zoom in, rescan, or switch between interfaces with a simple gesture without interrupting your flow or concentration.



Recommended PC Configuration

CPU	Intel Core i7 (13th generation) with base frequency of 3.0GHz or above
GPU	NVIDIA GeForce RTX 4050
RAM	32 GB or above
Monitor	Resolution 1920 × 1080 (Full HD)
Operating System	Windows 10, 64-bit or above
USB Ports	USB 3.0/3.1/3.2, at least two USB ports
Storage	512 GB SSD or above