

See Help File for more information

HARDWARE



1 Insert CD in drive. Install software.



2 Insert Handpiece Cable into PC.



3 Clean Sensor & Sensor Support.



4 Insert Sensor Support into Handpiece.

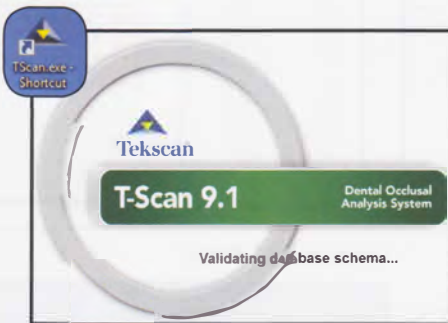


5 Insert Sensor into Handpiece.

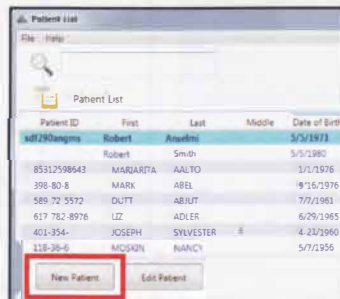


6 Close latch on back of Handpiece.

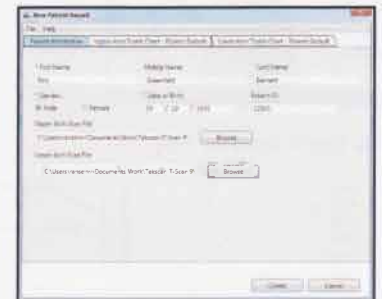
SOFTWARE



1 Click T-Scan Icon. Software opens.



2 Click New Patient button.



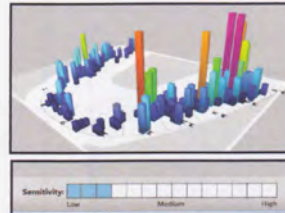
3 Fill out New Patient Record.



4 Click New Scan button.



5 Position Guide at Central Incisor. Patient bites.



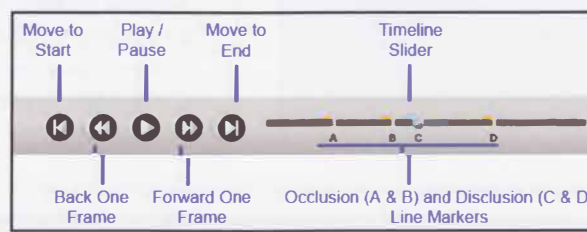
6 Use the Sensitivity Wizard or manually adjust sensitivity for 1-3 pink contacts.



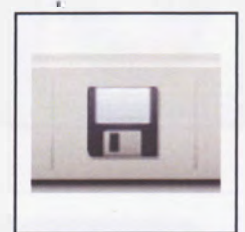
7 Hold Handpiece parallel to occlusal plane. Click Record on Handpiece. Patient bites. Click Record to stop.



8 Completed Scan.



9 Review Scan.



10 Save Scan.

Main Window & Views

Labels in the main window include: Title Bar, Main Menu, Toolbar, Scan Thumbnails, Scan Page View, Graph, and Navigation Bar.

Toolbar

Labels in the toolbar include: Patient List, Patient Name, Patient ID, and Scan Date, Scan Type Quick List, Add Notes, Show / Hide DIO, Open / Close Tooth Chart, BioPAK, Close Scan, Save Scan, Add Images, Show / Hide Graph, Arch Selection Quick List, Show / Hide Force Eraser, and Display Help File.

Real-time Navigation Bar

Labels include: Sensor Sensitivity Selection, Sensitivity Wizard, Sensor "OK" or "Misaligned" Indicator, Scan Start / Stop Button, and Press record button to start scan.

Post-Scan Navigation Bar

Labels include: Move to Start, Play / Pause, Move to End, Timeline Slider, Force / Time Indicator, Central Width, Force Legend Color Scale, Back One Frame, Forward One Frame, Occlusion (A & B) and Disclusion (C & D) Line Markers, Playback Speed, Noise Threshold Adjustment Slider, and Upper Limit Slider.

2D & 3D ForceViews

Labels for 2D view: Embryonic Lines, Arch, Tooth Numbering, Tooth Force Percentages, Center of Force (COF) Trajectory, Center of Force (COF), Contact (Force), Arch Outline, and Left & Right Force Percentages.

Occlusal Timing Pane

Force Outliers

| Line | Time | Force % | W's |
|------|-------|---------|-------|
| All | 0.40s | 9.1% | 0.334 |
| C1 | 0.75s | 97.5% | |
| C2 | 0.95s | 90.3% | 0.40s |
| D1 | 1.35s | 0.0% | |

Timing Table

| Tooth | Time | Force % | W's |
|-------|-------|---------|------|
| 11 | 0.50s | 17.2% | 4.23 |
| 12 | 0.65s | 17.3% | 4.11 |
| 23 | 0.60s | 18.8% | 4.12 |
| 23 | 0.50s | 28.2% | 4.23 |
| 22 | 0.65s | 18.2% | 4.11 |
| 20 | 0.60s | 11.3% | 4.12 |

Bite Graph: force vs. time

The graph shows force peaks at approximately 2.1, 2.8, 3.5, and 4.2 seconds.

Novus Handpiece

Labels: Power On Indicator, Sensor OK Indicator, Sensitivity +/- Buttons, Scan Mode Indicator, Record Button (New Scan / Start / Stop).

Digital Impression Overlay (DIO): Upper & Lower Arches

Keyboard Shortcuts

- A / B / C / D:** Move all views to next corresponding graph time line.
- SPACEBAR:** Play / Pause Scan
- SHIFT+SPACEBAR:** Loop play
- ARROW LEFT:** Back one frame
- ARROW RIGHT:** Forward one frame
- ARROW UP:** Move to Recording Start
- ARROW DOWN:** Move to Recording End
- CTRL+F12:** Exit software
- CTRL+S:** Save Scan
- CTRL+TAB:** Toggle Search / Scan in Patient List dialog.
- F1:** Open Help File