

SPECIFICATIONS OF COMPUTERISED DENTAL OCCLUSAL ANALYSIS SYSTEM

- The unit should provide data that allows dentists to better evaluate and assess occlusion via detecting simultaneous contact with quantify time and force.
- The system should quickly and precisely determine the amount of force within a given paper mark and software graphically displays both forceful and time premature contacts to the user for predictable occlusal control during adjustment procedure

The system should consist of :

- a) Flexible and disposable ultra thin sensor on which the patient bites down for evaluating the various parameters of occlusion
- b) Windows based software, which measures intra oral force in time increments as low as 0.01 seconds and displays this information in 2D and 3D as a continuous force movie. It should be possible to record entire occlusal contact event for dynamic playback.
- c) The system should provide dynamic feedback in the occlusal force, time of occlusion and discussion.

- The system should also produce documentation showing pre and post procedure result
- It should be easy to move USB based sensor from one PC to another
- should be provided with 50 sensors small and 50 sensors large
- should be provided with a laptop compatible with the system requirements of the occlusal analysis system.

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