

T-Scan® / BioEMG™ Integration Software

Add-On to T-Scan III / BioEMG

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For the first time in history...
measure force, timing, balance, and muscle activity simultaneously!



T-Scan® III

The T-Scan III is a simple-to-use device that records and analyzes occlusal forces and timing using ultra-thin sensors.



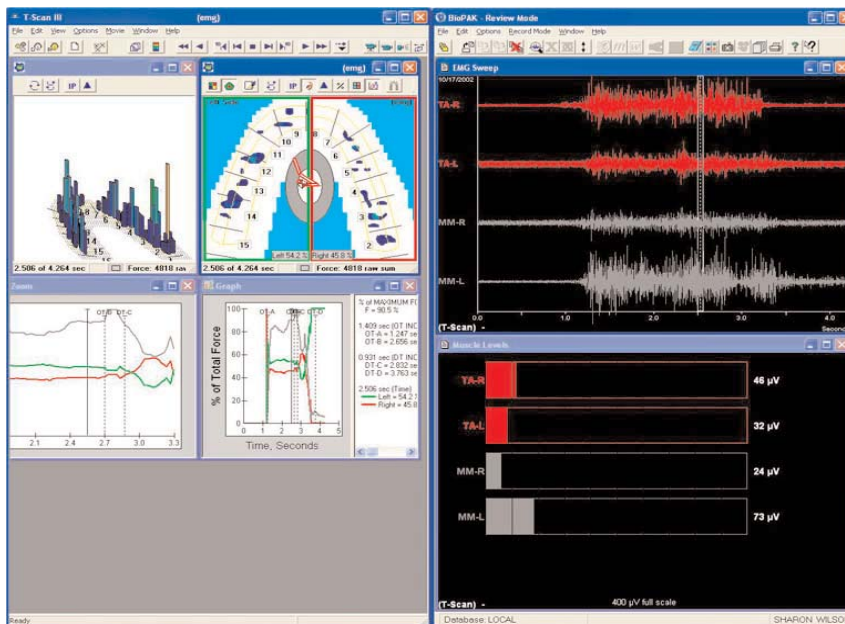
BioEMG™ II

The BioEMG II is specifically designed to accurately measure the rest and function performance of the muscles.

TOGETHER:
T-Scan/BioEMG

The two programs synchronize and integrate occlusal data with muscle activity allowing for dynamic playback.

See the continuous relationship between occlusion and muscle function!



Unbalanced occlusion results in unbalanced muscle function



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Contact Us Today for a Demo or
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T-Scan® / BioEMG™ Integration Software

Add-On to T-Scan III / BioEMG

Integration

The T-Scan III / BioEMG Integration software synchronizes and integrates the clinical data of Tekscan's T-Scan III with the electromyographic data of BioResearch's EMG unit. For the first time in history, synchronized measurements of occlusion and muscle function can be recorded simultaneously. Together, they give a complete view of your patient's bite. Only with this software can you get unparalleled evidence of the effect occlusal contact arrangements has on muscle function.

With both programs activated:

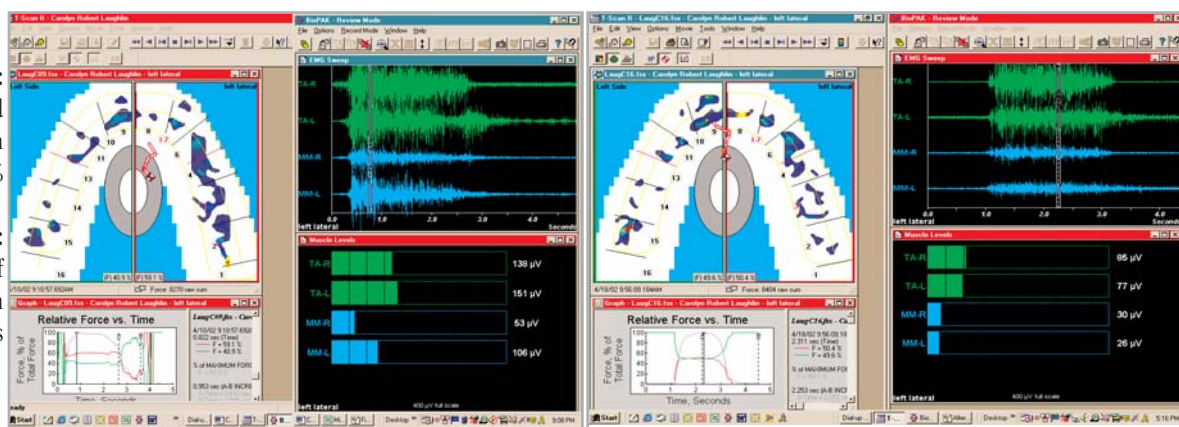
- Initiating a recording in T-Scan automatically starts an EMG recording or vice versa
- Timing of data is synchronized in both the record & review modes
- The recording functions are the same as when using either program independently
- Saving data in one program, auto saves in the corresponding program
- Automatic sharing of comment text strings and procedures between the programs
- Patient files are auto labeled to identify integrated files
- Synchronized data can be taken in intercuspal position (IP), centric relation (CR), and excursive movements
- Both programs are tiled vertically on your screen for easy viewing
- Save valuable time collecting and retrieving data
- Accomplish a more comprehensive and informative diagnosis
- Analyze and correlate specific occlusal moments to specific EMG changes that result from occlusal moments

Pre-Treatment

Post-Treatment

T-Scan Data:
Unbalanced Occlusion
Left: 40%, Right: 60%

EMG Data:
Demonstrates lack of symmetry between left & right muscles



T-Scan Data:
Balanced Occlusion
Left: 50%, Right: 50%

EMG Data:
Muscle symmetry improved

The only integrated approach that allows you to view occlusal forces & muscle activity simultaneously!



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