Benefits to Your Practice and Patients

Make diagnostic and treatment decisions in any major cases: aesthetic, restorative, orthodontics, TMD, and dentures, with expanded, objective data – *optimize the quality of patient care and build your practice.*

- Patient Education capabilities allow for superior patient education enabling better understanding and better treatment plan acceptance by your patients.
- Objective data and printouts for referring doctors, insurance justification, patient education and risk management.
- Record real time objective data to take the guesswork out of taking a bite.
- In addition to pre-programmed protocols (Scans) – user may set custom protocols.
- Unparalleled customer service and technical support.
- Ongoing support of user training programs and educational programs.

The Myotronics Commitment

Since 1966, Myotronics has pioneered the science of computerized measurement technology. Years of full-time research in dentistry, electronic and biomedical engineering, biophysics, and computer science, have led to the award of 34 patents that have contributed to the development of the advanced technologies that Myotronics instrumentation makes available to the clinician.

Myotronics technologies have been used in over 50 countries, 140 universities worldwide and utilized in over 470 published studies.

As inventors of the science, Myotronics is committed to the support of our customers and the furthering of continued growth and development in the field of Neuromuscular Dentistry.

What Neuromuscular Clinicians have to say:

"I have been using the Myotronics equipment and NM approach since 1980. I am now on the 4th subsequent generation of Myotronics evaluation systems and have treated over 15,000 patients during that time. The clinical information allows accurate and precise diagnoses and repeatable clinical successes and has been the foundation of a well established practice in this community."

Arthur Parker, DMD, Portland, OR

"I can't imagine treating my patients without utilizing the Myotronics K7 Evaluation System in my practice. The predictability, ease of use, and consistently accurate data allows me to treat even the most complex patients and give them back their quality of life. My second practice, which is solely devoted to treating TMJ and sleep disorders, is a direct result of the confidence this equipment gives me in treating these patients."

Jeffrey S. Haddad, DDS, Rochester, MI

"Myotronics instruments have made treating TMD patients predictable and given me objective data that makes patients feel more confident in my care. It also has made my sleep apnea appliances more comfortable for my patients to wear without morning muscle fatigue."

Peter Ferro, DMD, New York, NY

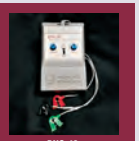
"For over 35 years I have treated literally thousands of patients utilizing the science of Neuromuscular Dentistry. From the first case until now, this treatment approach has been expanded upon, but not altered. In addition to the large body of scientific literature supporting these principles, this clinical record is testimony to its validity. I am honored to be appointed to teach a university course on the Neuromuscular occlusion. Whatever I have done with and for Neuromuscular Dentistry for over 35 years, I have done with a full heart and a sincere belief that this is how dentistry should be practiced."

Barry Cooper, DDS, Clinical Associate Professor
School of Dental Medicine, SUNY, NY

Ultra-Low Frequency Electrical Muscle Stimulators

J5 Dental TENS

The J5 Dental TENS and BNS-40 are battery-operated electrical muscle stimulators. Used with the K7x Evaluation System, or as a stand-alone, they are essential to the neuromuscular practice. These unique patented Dental TENS devices, with over 50 years of clinical experience and solid track record of safety and effectiveness; provide true simultaneous, bilateral, ultra-low frequency stimulation.


BNS-40

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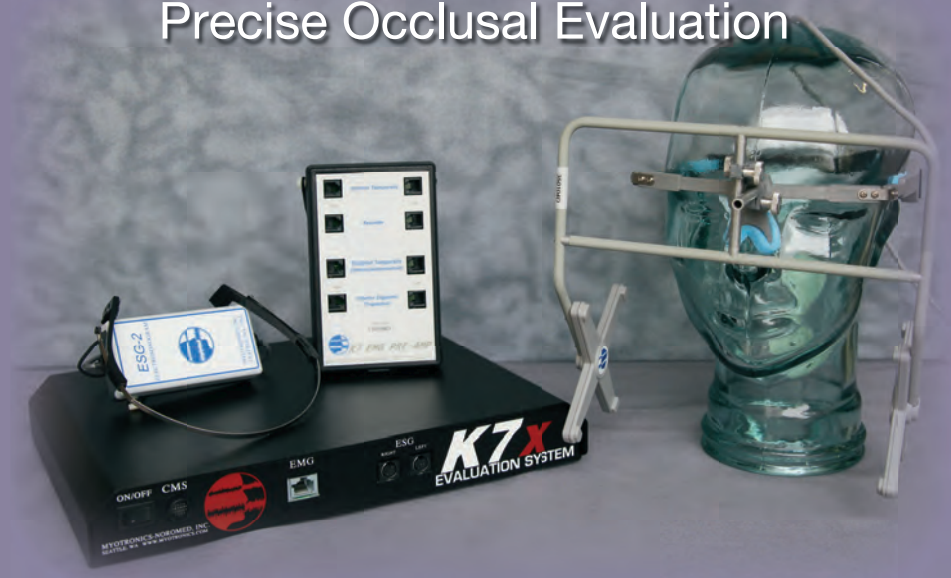
MYOTRONICS
Helping Build the Perfect Bite

K7x
EVALUATION SYSTEM

The Comprehensive Instrument for Precise Occlusal Evaluation



The K7x – Objective Data for Complete Occlusal Analysis

The established science of Neuromuscular Dentistry and Myotronics technologies can now assist you in improving diagnosis and treatment accuracy in your practice.

Science and clinical experience have shown that a stable occlusal foundation in which muscles, joints and teeth all work together plays a crucial role in the positive outcome of all dental procedures.

For optimal diagnosis and therapy, the clinician must be able to measure physiologic phenomena that indicate the state of occlusal function and its effect on both masticatory muscles and temporomandibular joints.

The K7x Evaluation System, with its patented technology, allows you to obtain necessary data to objectively measure occlusal function three dimensionally, in order to assist you in providing optimal diagnosis and treatment of all major dental cases – aesthetic, restorative, orthodontics, TMD, and dentures.

Myotronics has led the way in neuromuscular dental evaluation technologies since 1966. Our products are used in clinical practices and universities worldwide and are known for their accuracy, reliability and simplicity of operation.

Patient Posture and Cervical Range of Motion recording is available exclusively on the K7x

The K7x CMS Computerized Mandibular Scanning (Jaw Tracking)

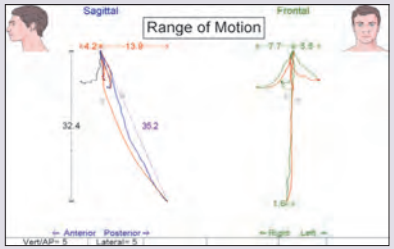
The patented K7x jaw tracking (CMS) has eight state of the art sensors, in an extremely lightweight (4 oz), high strength aluminum Sensor Array, that tracks the motion of a small magnet attached to the lower gingiva. This configuration is non-invasive and, unlike clutches and other cumbersome apparatus, does not interfere with normal patient function. The K7x tracks mandibular motion in three dimensions as well as mandibular torque. The K7x Sensor Array has a wide opening allowing the doctor unobstructed access of the oral cavity for taking bite registrations or other clinical procedures. The system is virtually immune from the effects of slight head motion or nearby metallic or electronic interference. A patient education mode is included to simplify patient education and staff training.

The K7x EMG Eight Channel Surface Electromyograph (EMG)

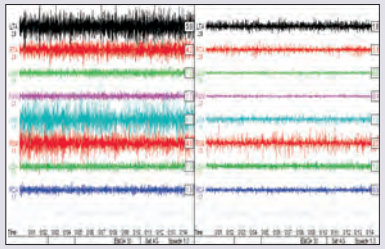
Utilizing high quality bipolar surface electrodes, EMG data can be recorded and displayed from up to eight muscle sites simultaneously and in real time. The program permits taking data either at rest, to evaluate muscle tonus or in function, to evaluate the maximum muscle recruitment available for each muscle. The K7x EMG signal processing circuitry provides unsurpassed protection against system noise or motion artifact. The patient education mode permits quick and easy analysis of the masticatory muscles.

K7x ESG Electrosonograph (TMJ Vibration Evaluation System)

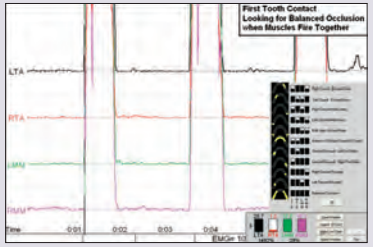
A lightweight headset holds highly sensitive vibration transducers over each TM joint, which enables the simultaneous, bilateral capture of vibrations emanating from the joint during opening and closing. The recorded joint vibration (sound) data can be analyzed at any point during the open/close cycle, providing the clinician with valuable information to aid in assessing the status of the articular disk and joint function.



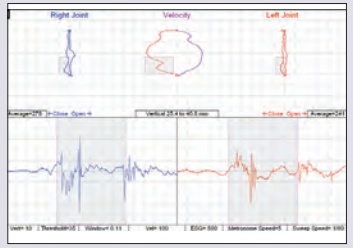
Dynamic three-dimensional jaw tracking.



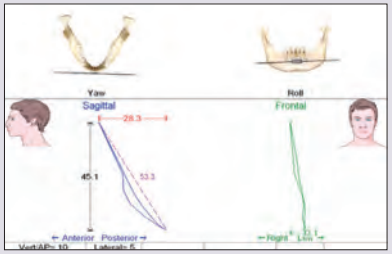
EMG data illustrates split-screen capability for side-by-side comparison of before and after TENS.



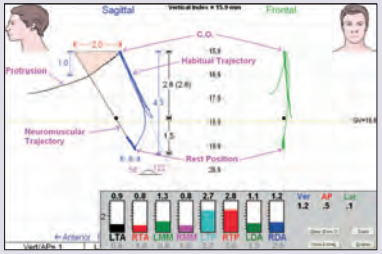
Pattern of muscle recruitment is valuable for micro-evaluation of occlusal function.



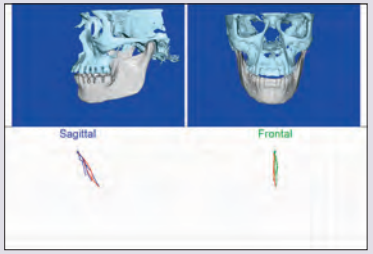
Sonography recording of TMJ displays joint vibration (sound) related to vertical open-close position of occurrence.



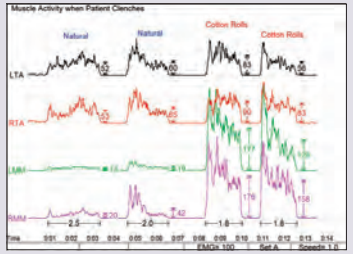
The torque (yaw and roll) of the mandible is recorded simultaneously with jaw tracking information.



CMS and EMG tracing displays mandibular motion and function data for taking a bite.



Display the patients jaw movement in three dimensions



EMG Clench test records the total muscle recruitment in each muscle