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.
- In addition to pre-programmed protocols (Scans) – user may set custom protocols.
- Unparalleled customer service and technical support.
- On-going support of user training programs and educational programs.

What Neuromuscular Clinicians have to say:

“Following NM principles for bite reconstruction in TMD and cosmetic patients allowed me to complete complex cases which in the past I would not have attempted. The K7 has given me the confidence to offer my patients comprehensive treatment with predictable results.”

Dr. Dennis Brunbaugh, DMD, Indiana, PA

“Since incorporating Neuromuscular Dentistry and the K7 into my practice, my entire perspective of my diagnostic and clinical skills has changed. I now have the ability to measure, record, analyze, and store physiologic data and anatomic function to better provide predictable comprehensible dentistry.”

Joseph Barton, DMD, Jacksonville, FL

“The late Dr. Bernard Jankelson was a brilliant dentist, but learned soon after graduation that meticulous adherence to methods learned in school did not always lead to a successful case conclusion. Seeking answers to this dilemma, he developed the theories and instruments that made the science of Neuromuscular Dentistry possible. As his student I was most impressed that his method relied on basic, objective, biologic fact, not on abstract mechanical theories. In a quarter of a century 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. Meanwhile, advances in technology have brought much more sophisticated instrumentation, not only expanding our knowledge of our patients but making life easier for the clinician. I was honored to be appointed to teach a university course on neuromuscular occlusion. Whatever I have done with and for Neuromuscular Dentistry for over 30 years, I have done with a full heart and a sincere belief that this is how dentistry should be practiced.”

Dr. Barry C. Cooper, Clinical Associate Professor
Department of Oral Biology & Pathology
School of Dental Medicine
State University of New York, Stony Brook

Ultra-Low Frequency Electrical Muscle Stimulators

The J5 Myomonitor and BNS-40 are battery operated electrical muscle stimulators. Used either with the K7 Evaluation System or alone, they are an essential element to the neuromuscular practice. These unique patented devices, with over forty years of clinical experience behind them, are ultra-low frequency and truly simultaneous bilateral stimulators.

The Comprehensive Instrument for Precise Occlusal Evaluation

Myotronics-Noromed, Inc.
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Ph: 206-243-4214 • Fax: 206-243-3625
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Web: www.myotronics.com

Since 1966, Myotronics has pioneered the science of computerized (electronic) measurement technology. Years of full-time research in dentistry, electronic and biomedical engineering, biophysics, and computer science, have led to the award of over 45 patents that have contributed to the development of the advanced technologies that Myotronics instrumentation makes available to the clinician.

As inventors of the science, we are committed to the support of our customers and the furthering of continued growth and development in the field of Neuromuscular Dentistry.
The K7 – 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 K7 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 for over 40 years. Our products are used in clinical practices and universities worldwide and are known for their accuracy, reliability and simplicity of operation.

The K7 CMS Computerized Mandibular Scanning (Jaw Tracking)

The patented K7 CMS (jaw tracking) has eight sensors, in an extremely lightweight (four ounce) sensor array, that tracks the motion of a small magnet attached to the lower incisal gingiva. The configuration is non-invasive and, unlike clutches and other cumbersome apparatus, does not interfere with normal patient function. It tracks mandibular motion in three dimensions and also displays mandibular torque. The lightweight sensor array with padding is designed to be comfortable for the patient and has a wide opening which allows 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 K7 EMG Eight Channel Surface Electromyograph (EMG)

Utilizing high quality bipolar surface electrodes, EMG data can be taken and displayed from up to eight muscle sites simultaneously and in real time. The program permits taking data either at rest or in function. The K7 EMG signal processing circuitry provides unsurpassed protection against system noise or motion artifact. The patient education mode permits quick and easy education of the status of masticatory muscles.

K7 ESG Electrosonograph

(TMJ Vibration (Sound) Evaluation System)

A lightweight headset holds highly sensitive vibration transducers over each TMJ joint, which enables the simultaneous, bilateral capture of tissue vibration emanating from joint sounds. Vibration (sound) data is correlated to vertical dimension of opening and closing. This provides the clinician with valuable information to aid in assessing the status of articular disk and joint function.