

xltek  
**XCalibur** **EMG**

*XCalibur  
4 Channel  
EMG/EP -  
Reliability,  
flexibility,  
performance*



*XLTEK was founded in 1983 on the principle that our name would be our mission statement. Our goal was to excel by using innovative technology to its maximum benefit for both clinicians and patients. The XCalibur EMG system was inspired by this vision.*

## The Leader in Quality & Reliability

The XCalibur system has been designed with one guiding principle—gather and assess neurophysiological data in an effective, efficient and intuitive manner. Clean stable baselines and the virtual elimination of stimulus artifact provide a solid foundation for fast and accurate testing.

The XCalibur system provides a comprehensive test suite to make quick work of even the most challenging cases.

### EMG

- Free running
- Triggered/rastered
- QEMG
  - › Detailed Motor Unit Analysis
  - › Single Fiber EMG
  - › Stimulated Single Fiber with graphic analysis

### NCV

- Motor NCS
- Sensory NCS
- Advanced Repetitive Stimulation Analysis
- F-Wave
- H-Reflex
- Blink Reflex
- Sympathetic Skin Response
- Heart Rate Variability

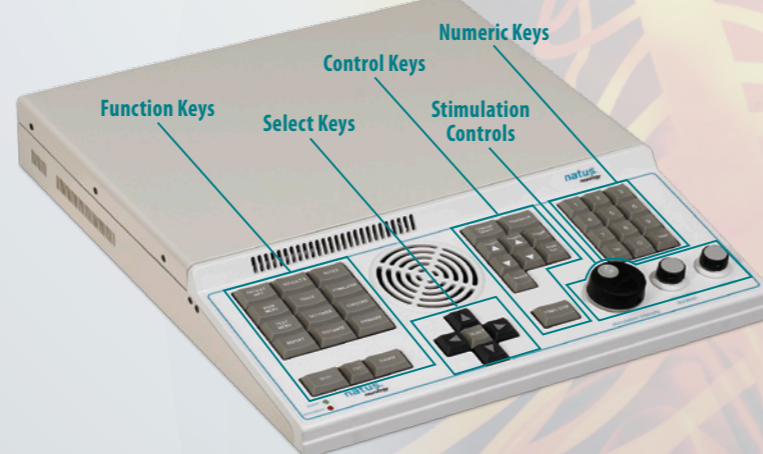


### EP

- Auditory Evoked Potentials (AEP)
- Somatosensory Evoked Potentials (SEP)
- Dermatome SEP (DSEP)
- Visual Evoked Potentials (VEP)
- Electroretinogram (ERG)
- Electro-oculogram (EOG)

## Flexibility & Performance

Since no two electromyographers perform studies exactly the same way, the XCalibur system has been designed to accommodate multiple users with different workflows. An easy-to-use dedicated keyboard allows clinicians to efficiently acquire patient data with simple 'one-touch' operations.



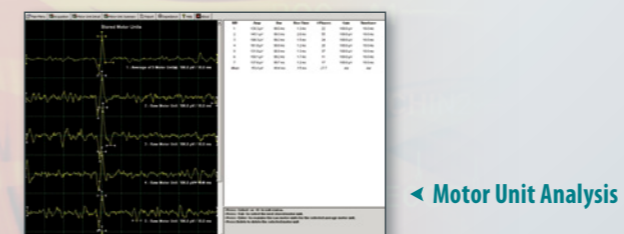
## Superb Signal Quality for the Clearest Results

Advanced circuit design utilizing digital signal processing (DSP) technology delivers clean signals with extremely low-noise and very little shock artifact.

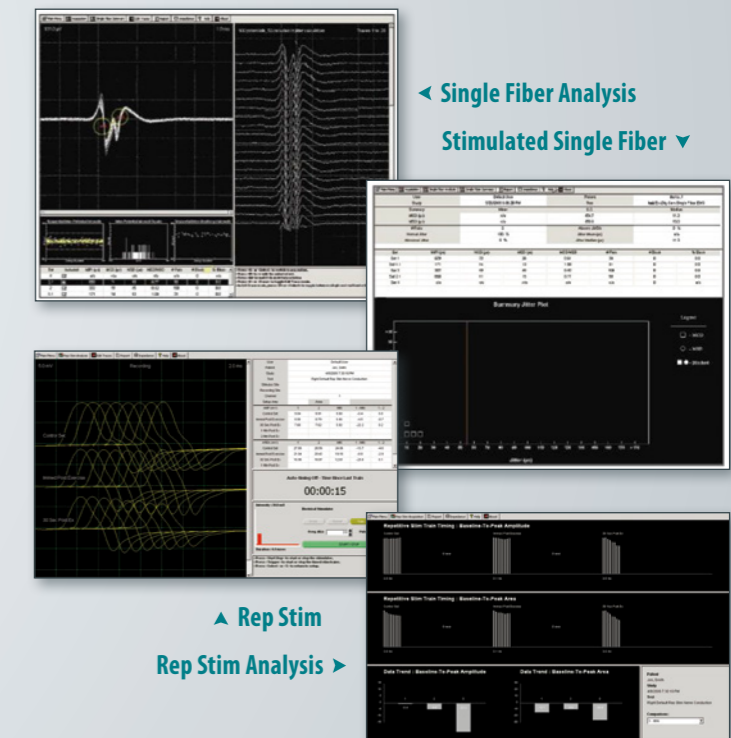


## Setting New Standards for Advanced Features

Audio and video clips of needle EMG studies can be stored and saved for reference and/or exported to various formats to enable emailing. Easy-to-use automatic motor unit analysis delivers the critical information needed in demanding situations.



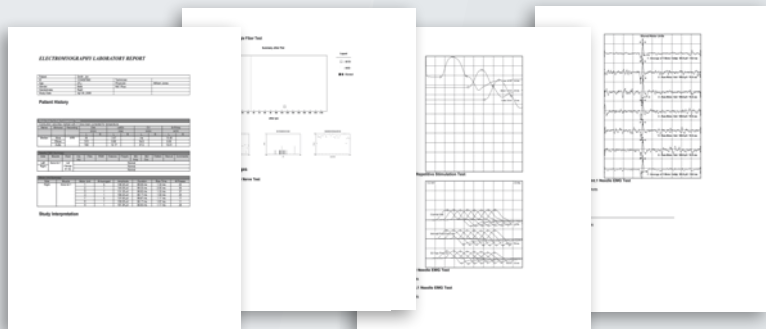
Comprehensive testing and analysis of neuromuscular transmission is provided by recruited and stimulated single fiber analysis, and repetitive stimulation studies.





## Crystal-clear results

The XCalibur system's versatile reports provide quick, professional-quality documentation of your studies. Reports may be printed directly from the XCalibur system or exported to almost any word processing application.



## A High-Performance System with High-Performance Support

XLTEK systems are backed by a comprehensive, extendable warranty and a highly experienced support team that's available 24/7. This on-call resource immediately provides phone and remote PC support and can dispatch a service engineer from our nationwide network when required. Standing behind every XLTEK product is Natus Medical Incorporated, an internationally respected innovator of medical products and services (Nasdaq: BABY).



Natus Medical Incorporated  
Excel-Tech Ltd. (XLTEK)  
2568 Bristol Circle, Oakville  
ON L6H 5S1 CANADA  
1-800-303-0306  
1-905-829-5300

[www.natus.com](http://www.natus.com)

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