

# KineLive

*Everyone wants to get as much out of their training as possible.*

Do you want:

- Real-time biofeedback
  - Find and treat muscle imbalance efficiently
  - Prescribe the correct exercises
  - Optimize training
- Get results that last longer
  - Motivate your client
  - Research grade electromyography quality

## Benefits of biofeedback

Research has shown that rehabilitation with biofeedback can give better results and longer lasting improvements, than traditional training. Visual feedback has proven to be even more effective than an audible one. With biofeedback you can enhance traditional therapy.

## Natural movement

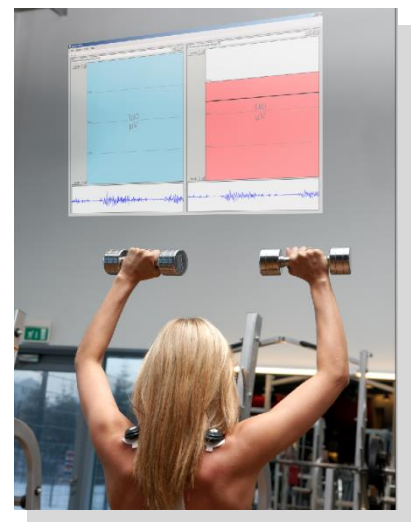
KineLive is a completely wireless biofeedback system intended for those working with human motion (Kinematics). The wireless measurement units are small and light. This makes free and natural movement in the field possible. KineLive software runs on your PC computer and integrates seamlessly with the EMG Kine hardware.

## Usability

You can teach your clients to control their muscle-work in various modes in real-time. Feedback information is displayed in real-time. Derived information is displayed for each cycle in the feedback process so the client can constantly train the correct pattern. You can maximize the forces, teach how to up-train, teach how to down-train, train muscle coordination, ergonomic parameters, the timing of the muscles and muscle contraction speed.

## Fast and automatic reports

With KineLive you can record sessions and get an automatic analysis of the results. An automatic report can be printed out and/or the results can be transferred to other software applications for documentation or further analysis.



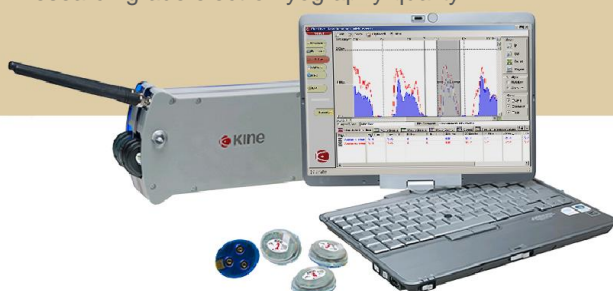
## KineLive

### Features

- Optimal visual feedback
- Optionally audible feedback
- Multiple feedback modes
- Automatic analysis
- Automatic reports
- User definable profiles
- Research grade electromyography quality

### Tools for Evidence Based Methods

- Measure progress
- Report
- Objective results





## Features

- Completely wireless EMG
- Highest quality of data
- Automatic calibration
- Immediate view of acquired data
- Easy to learn and use
- Built-in analysis tools
- Analyse in system or export
- Rechargeable batteries

## Benefits

- Quick application
- More natural movement of subject
- Objective tool for motion analysis and performance monitoring
- Documents status, trend and effect of an intervention
- Saves time, increases quality of outcome
- Highly versatile equipment
- Practical in clinical settings

## Applications

- Rehabilitation
- Physical therapy
- Movement analysis research
- Sports science
- Neurological studies
- Ergonomics
- Biomechanics
- Orthotics and prosthetics

## Specifications

- **Battery life:** > 3 hours continuous use (typically > 8 hours)
- **Battery lifetime:** after 300 charge cycles > 80% capacity
- **Transmitter output power:** 0.1 – 10[mW]
- **Transmission carrier frequency:** 433.05 – 434.79[MHz] ISM band
- **Size of measuring unit:** L:56[mm], W:46[mm], H:16[mm]
- **Measuring unit weight:** 26[g]
- **Typical radio range:** 10[m]
- **Sampling frequency:** 1600[Hz]
- **Signal bandwidth:** 16–500[Hz]
- **Input impedance:** 10[GΩ]
- **Common mode rejection ratio:** 110[dB]
- **Sensitivity:** 4 [μV]
- **Output format:** digital RS232/USB
- **Power requirements:** 110/220[V] 50/60[Hz], 9[W]/4ch
- **Operating temperature:** 0-50[°C]
- **Electrode:** triode, 20[mm] apart

## Contact Information:

### Postal Address:

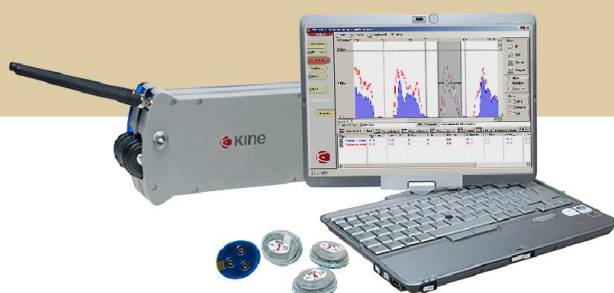
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