T-Log
Wireless Datalogger

Portable Recorder for Wireless Communication with T-Sens Sensors
T-Log
The reliability of a Datalogger

The ergonomics of a wireless system

Portable recorder with tetherless communication with T-Sens sensors: forget restraining and uncomfortable cables on people!
Wireless communication between the T-Sens sensors and the T-Log datalogger allows subjects to behave in a naturalistic fashion – with unrestrained freedom of motion.
With its large touch-screen and its powerful CAPTIV-L7000 analysis software, T-Log is a unique solution which offers unchallenged flexibility to demanding professionals, whether in the lab or in the real world.

Available T-Sens sensors
- Surface EMG (RMS)
- EKG/ECG
- Heart Rate (BPM)
- Respiration
- Skin temperature
- Skin conductance (GSR)
- GSR & Temperature
- Accelerometer 3 axis
- Force (FSR)
- Goniometer & Torsiometer
- Inclinometer 2 axis
- Orientation 360°
- Load Cell
- 3D Motion
- Universal module (0-3Vcc)

Customized sensors: contact TEA

Applications
- Task Analysis
- Prevention of RSI
- Workplace ergonomics
- Environment & pollution analysis
- Heart rate surveillance
- Biomechanics, physiology
- Sport
- and more…

T-Log specifications
- Memory: 16 Go intern
- Resolution: Up to 16 bits (depends on T-Sens sensor used)
- Screen: 2.8” Tactile
- Communication with PC: USB 2.0 port
- Sampling Rate: 16Hz to 2048 Hz (depends on T-Sens used)
- Bandwith: 12 288Hz
- Number of T-Sens: 32
- Recommended range: 6m

Electrical specifications
- Battery life: 12hrs
- Recharging time: 4hrs
- Power: Integrated battery, via USB port or carry case

Mechanical specifications
- Dimensions: 117 x 73 x 23 mm / 4.6”x2.9”x0.9”
- Weight: 170g / 6oz