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Biometrics Ltd DATALITE Interface
(완전 무선, 근전도(EMG), 동작분석기, Goniometer)

DataLITE EXPLORE is a wearable device that provides multi-channel recordings of EMG, dynamic joint movement, acceleration and other physiological parameters from a range of wireless sensors. This provides data capture & analysis both within and outside the boundaries of normal testing environments.

Biometrics Ltd DATALOG
(반 무선, 근전도(EMG), 동작분석기, Goniometer)

The DataLOG (MWX8) is developed to meet the needs of researchers for portable data collection and monitoring in human performance, sports science, medical research, industrial ergonomics, gait laboratories, and educational settings.
DataLOG can be worn on the arm or leg in addition to the traditional belt/waist placement and incorporates a color graphics LCD, joystick, micro SD card interface, and a real-time Bluetooth® wireless technology link to a PC

OTBiolettronica Quattrocento,
OTBiolettronica Sessantaquattro

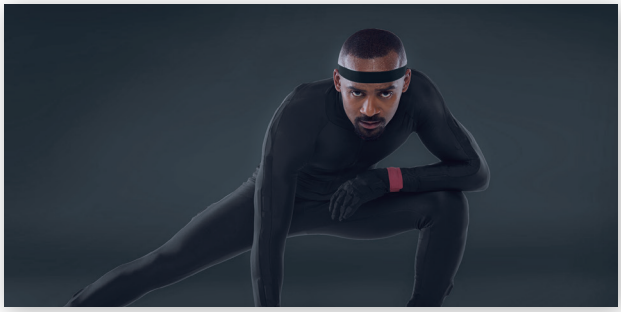
The Quattrocento is a 400 channel desktop bioelectrical amplifier. It can detect surface electromyographic, intramuscular electromyographic and electroencephalographic signals at the same time. The signals acquired by the instrument are amplified, filtered, digitally converted and then transferred to a PC, via an USB2/Ethernet interface. OTBioLab+, a freeware software designed by OT Bioelettronica, allows to display the signals online, to acquire and process them. Sessantaquattro is a portable system for high density (64 channels) EMG detection. Data can be transmitted via Wi-Fi to PCs, Tablets and Smartphones or stored on SD card for long-term acquisition (>11h). Data can be visualized in real-time with OT software, Matlab and Android Apps. Users can integrate their own Apps into the system.

Gait & Motion Research Insoles (인솔 타입)

The X4 Intelligent Insole is a plantar pressure and gait measurement system for athletic coaches and clinicians to capture lab-quality data in the field.
It can be challenging to measure plantar pressure and analyze gait accurately, consistently, and in the environments where activity normally takes place: outside of the lab. In the past, capturing natural gait has been limited because current products are not suited for real-world testing.

Pressure Plate (압력분포, CoP, Balance)

The NANSENSE motion capture suit hub can power more than 50 body-worn R2 sensors, encased in solid anodized aluminum boxes and protected by a moisture resistant barrier of silicone. Body and fingers data is extracted at high framerates and processed in real-time. The result can be retargeted to character assets and broadcasted to game engines.



The NANSENSE motion capture suit

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