

INTRODUCING



Our New 5 Channel Encoder!

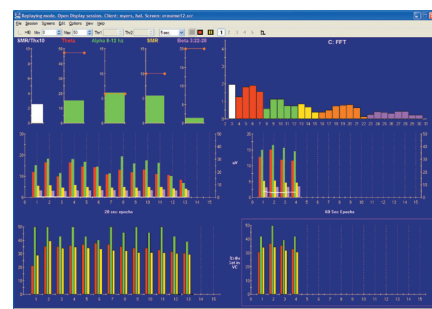
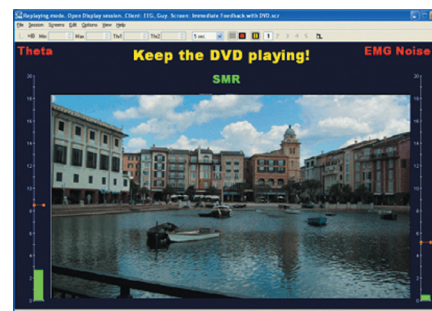
ProComp5 Ininiti™ joins our eight-channel, ProComp Ininiti, our 10 channel FlexComp Ininiti and our 2 channel ProComp2 multi-modality encoders. All combine the power and flexibility you need for real-time, computerized biofeedback and data acquisition in any clinical setting.

ProComp5 Ininiti™ is housed in an ergonomically-designed case and requires only a USB port to connect to any IBM compatible PC. **ProComp5 Ininiti™** has the identical inputs as ProComp Ininiti, but omits the last 3 channels. The first two sensor channels provide ultimate signal fidelity (2048 samples per second) for viewing raw EEG, SEMG, EKG and HR/BVP signals, while the remaining 3 channels sample data at 256 samples/second for slower signals such as respiration, temperature, force, etc. Not only can **ProComp5 Ininiti™** capture data in real time by connecting directly to the PC via its fiber-optic cable, but it can also store data on a Compact Flash memory card for uploading later to the PC, or use optional long-range compact flash module telemetry anytime it is desirable.

Unlike competitive equipment, all channels can be used with any combination of sensors, including EEG, EKG, RMS SEMG, Skin Conductance, Heart Rate, Blood Volume Pulse, Respiration, Goniometer, Force, Inclinator, Torsiometer and Voltage Input.

"I love Thought Technology's Ininiti System. It's a comprehensive biofeedback system complete with EEG Neurofeedback plus a wide selection of flexible biofeedback modalities to fit any clinician's needs. Its state-of-the-art multimedia capabilities are engaging, effective, and fun!"

Lynda Kirk, MA, LPC, BCIA Senior Fellow, BCIA-EEG Fellow, QEEG-Diplomate,
ISNR Past President & Fellow, AAPB Past President



PHYSIOLOGICAL SENSORS

Thought Technology offers a complete set of physiological sensors. Whether you work only with EEG or SEMG or prefer to have an unrestricted view of your client's physiological responses, we can provide you with a system that will suit your needs.

SEMG Sensor (surface electromyography) is used for muscle rehabilitation, relaxation, sports medicine, training & peak performance. Choose

between MyoScan – for Raw, Median Frequency, Spectral Analysis and RMS or MyoScan-Pro for RMS only.

EEG Sensor (electroencephalography) is used for neurofeedback, assessing attention & training for peak performance. EEG-Z is both an EEG sensor and an impedance checker.

EKG Sensor (electrocardiography) is used for heart rate, RSA & HRV (heart rate variability) biofeedback.

Respiration Sensor: Uses a durable electronic sensor mounted on a Velcro belt to measure respiration amplitude and rate. The thoracic and/or abdominal waveforms are ideal to train deep breathing for relaxation and stress control.

Skin Conductance Sensor SC is measured in microsiemens (micromhos), and provides an important parameter of

stress. Measures changes in electrical conductivity in fingers or toes. Supplied with removable finger bands, with Ag-

AgCl electrodes which are replaceable.

HR/BVP Sensor (heart rate/blood volume pulse, photoplethysmography) is a finger-worn sensor which provides heart rate, pulse amplitude, RSA and HRV biofeed-

back, to monitor peripheral blood flow and to train for relaxation.

Temperature Sensor (In Celsius or Fahrenheit) is used for relaxation training and

stress control and is also used to monitor changes in peripheral blood flow. A small bead thermistor measures temperatures from 50 to 115°F (10 to 45°C) with a resolution of 0.008°F.

Goniometer Adapter connects to third party single and dual axis goniometers for monitoring flexion/extension or torsion to measure joint position and angular changes during movement.

Bend Sensor is small enough to be placed on fingers and wrists to monitor joint motion. 180 degrees of flexion. Use sensors back to back to get a 360 degree range.

Force Sensor Adapter connects to third party sensors of varying sensitivity to measure pressure or force.

Voltage Isolator is used to monitor voltage from external devices of 0-0.2V or 0-2.0 volts output, such as blood pressure monitors, capnography, pCO₂, etc. It also provides isolation from external devices such as oscilloscopes or computer data acquisition boards.

Foot Switch allows you to remotely set a time mark or move a script to the next step.

Buy With Confidence

Complete System Configuration Each system comes complete with a choice of hardware, BioGraph Infinity software, Developer Tools and at least one Suite that is a combination of channel sets, screens and scripts. Add specialized Suites depending on your needs. The Developer Tools allow you to either add your personal touches to existing screens or to produce your own. Add BioGraphX Infinity animation CD's, to enhance your sessions with exciting animations.

Expandability and Connectivity Options The BioGraph Infinity system also offers options to interface with a variety of third party products: Cognysis DVD and gaming devices, HEG, Peter Van Deusen's TLC Assess program and various specialized CDs from Michael & Lynda Thompson, Louise Marks, Steve Padgitt, George Martin, Don Moss & Fred Schaffer, Howard Glazer and the Biofeedback Foundation of Europe (www.BFE.org). If you have a product that you wish to interface with our system, send us an email with all the details.

Training Options Thought Technology offers training on our instrumentation by our staff and over 150 distributors in over 55 countries. We also offer online internet courses, demonstrations and assistance. For a complete up-to-date listing of our workshops, please visit our website.

With a team of 50 employees and over half a million instruments sold worldwide, we are the world's leading biofeedback and psychophysiological instrument manufacturer. We maintain a state of the art quality control program, to verify our compliance with North American and International standards for medical equipment (ISO 13485:2003 and CE certification).

Visit our website for further product details, computer requirements product/Suites manuals, PDF brochures and software updates. Join our free user's group to share your experiences and learn from others.

Contact us by phone or email for more details on our products, our legendary support and our workshops. Extended Warranty available.



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