

EEG, EMG, and Evoked Potentials Workstation

Now Featuring the PZ3-128, 128 Channel, Low Impedance PreAmp!



Ideal for EEG, EMG, intracortical, and high-count evoked potential recording, this system features 128 channels of data acquisition. The optically isolated preamplifier features fully differential amplification, and onboard impedance measurement. With our 18-bit analog-to-digital converters, the system provides 100 dB of dynamic range and a 50 nanovolt noise floor. OpenEx software provides the experimental control and design interface for sophisticated experiments. Synchronized stimulus generation can be accomplished using onboard analog output or by adding high quality stimulation modules from our System 3 line.

Includes:

- 1 RZ2-4 Z-Series 4 DSP High Performance Processor
- 1 PZ3-128 128-Channel Low Impedance Preamp
- 16 LI-CONN-Z Multichannel Low Impedance Connector for PZ
- 1 PO5 Optical PCI Card for High Speed Gigabit Interface
- 1 OpenEx Multichannel Software for Design, Acquisition, and Analysis
- 1 OD1 OpenDeveloper Suite

Adding stimulus generation and delivery...

TDT Systems are modular and can be customized for a given application by selecting the necessary components from over 20 signal processing and conditioning devices. The systems can easily be expanded to include a headphone buffer and transducers for complete stimulus production. A microphone amplifier and microphone can be added for DPOAEs or add a FlashLamp for visual stimulus and VEP and ERG recordings.

Contact us to discuss a configuration for your lab.

Up to 128 channels

**Impedance checking
on all channels**

Fully differential

**High input range
mode**

**Battery powered and
optically isolated**

TDT www.tdt.com

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