



Turnkey System

FAST2 SYSTEM

- AWAKE ANIMALS
- ANESTHETIZED ANIMALS
- BRAIN SLICES

OPTOGENETICS Compatible

Top Panel: Recording showing glutamate responsive (red) and sentinel (blue) channels.

Economical entry into Neurochemistry

The FAST2 is a complete entry system used to record electrochemical data (amperometry) from up to **2 independent channels** and has 2 digital (event) lines. With real time **display rates up to 10 Hz**.

Applications	Direct <i>in vivo</i> neurochemical measures on a second-by-second basis in acute and chronic recordings. <i>For experimental non-clinical use only.</i> Analytes: Glutamate * Choline * Glucose * Nitric Oxide
Analog I/O:	2 channels of 16-bit waveform input, ± 10V, 400 KS/s ADC.
Digital I/O:	2 handshake lines for single bit input and output; 1 push button handshake line.
Host interface:	Interface adaptor for USB data acquisition. Includes all-in-one computer. FAST2014 software and custom Matlab® based Analysis.
Power supply and Case:	External 110V-240V 50-60Hz auto-sensing power supply AC to DC 5V 600mA. Internal DC to DC ±15V. Dimensions: 19" W, 1.75" H; 17.4" W; 8.25" L . Standard rack mountable. Constructed of high strength anodized aluminum for durability, versatility and electronic shielding.

Technical Data

