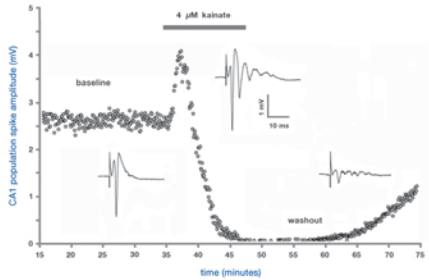
KSI
Kerr Scientific Instruments

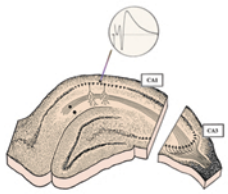
Kerr Tissue Recording System™

Easy to Clean and Maintain • Portable • Rapid Assembly and Ease of Use
Supports Multiple Tissue Samples • Supports Interface and Submerged Slice Methods

Affordable all-in-one system includes:
Perfusion Chamber • Micromanipulators • Quick Connect AC and DC Amplifiers
Additional Manipulators for multi-site stimulation + recording can be added

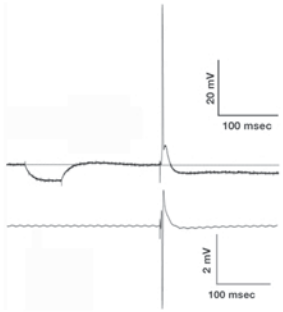
Evoked potential recorded from region CA1 of Adult Rat Hippocampus





Kainic acid produces CA1 hyperexcitability followed by spike suppression during prolonged administration in vitro. Shown is a dot-plot of evoked responses across time, before, during and after 4 µM KA.

Intracellular and extracellular evoked CA1 responses.



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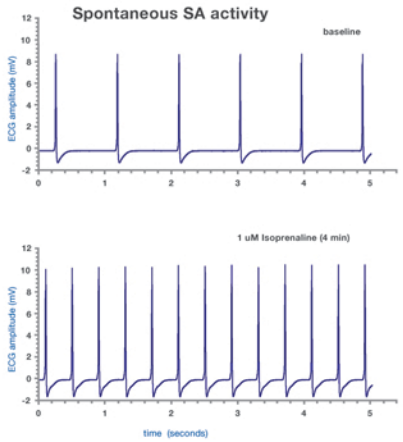
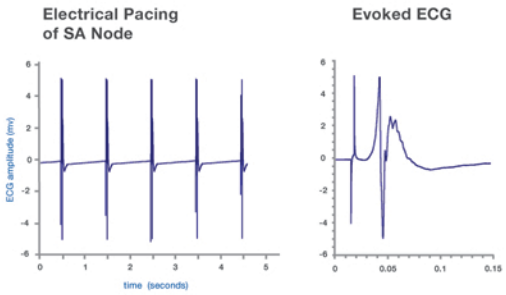
Pharmacologial Manipulation of Spontaneous Cardiac Activity



Evoked ECG Recorded from the apex of adult rat right atrium



Versatile • Robust • Compact • Integrated Design

Based in Christchurch, New Zealand, Kerr Scientific Instruments (KSI) is a designer and manufacturer of Tissue Recording Systems for teaching, education and research. KSI is an innovative company with a strong research & development focus.

The Kerr Tissue Recording System™ is a laboratory instrument which allows the user to record and rapidly assess the effects of drugs and toxins on living, electrically excitable tissues.

The device has been used in the Kerr Lab (University of Otago) to analyze the effects of drugs and neurotoxins on brain and cardiac tissue from rats.

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