

Literature About npi SEC 03/05/10 Single Electrode Clamp Systems

Recording Methods and Voltage Clamp Technique

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Selection of switching frequency, electrode time constant, capacity compensation

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Dynamic Hybrid Clamp (DHC)

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Voltage-clamp-controlled current-clamp (VCcCC)

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Comparison of recording methods (sharp electrode, whole cell, perforated patch)

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Coating of sharp microelectrodes for VC recordings

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Recordings with high resistance (150-400 MΩ) sharp microelectrodes

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Capacitive transients in VC recordings

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Leak subtraction

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Double cell voltage clamp method

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Simultaneous recordings with two SEC amplifiers

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Simultaneous intracellular recordings during voltammetric measurements

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Tracer injection and intracellular recording

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Visualization, imaging and infrared video microscopy

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Recordings from cardiac cells

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LTP / LDP /LTD Investigations

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