

# Two-Electrode Amplifiers

## For oocyte recording

### TEC-03X

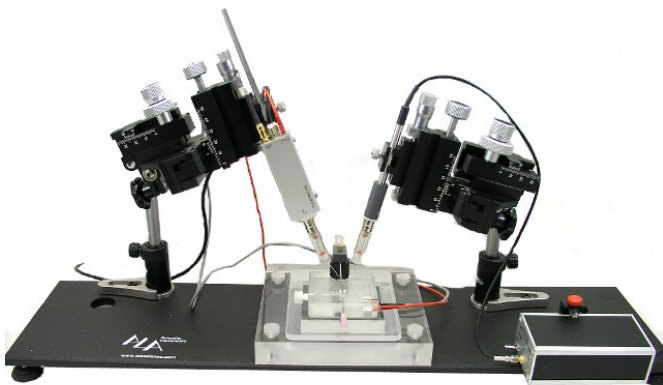
#### Amplifier for routine recordings from oocytes



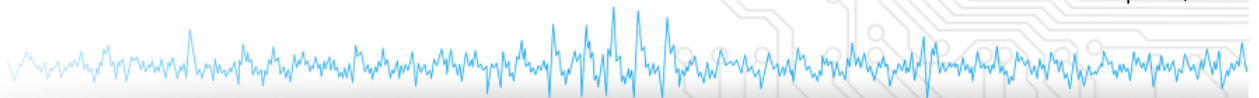
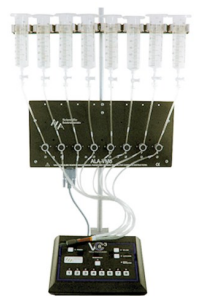
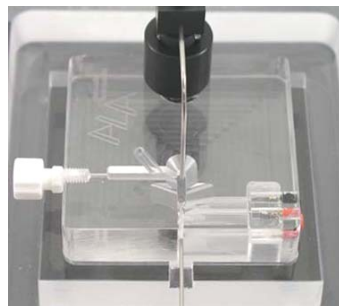
- Easy to use oocyte recording amplifier
- Accurate voltage and current clamp
- High clamp speed and long term stability
- 150 V output for large currents
- Hard- and software compatible with all common data acquisition systems

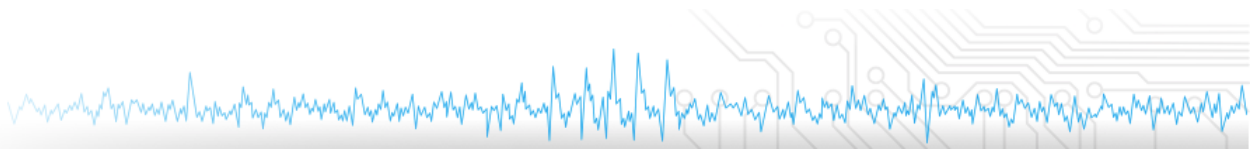
### Xenoplax™

#### Complete oocyte recording system



- TEC-03X amplifier
- Special design oocyte recording chamber
- Includes 2 x MM33 micromanipulators
- Perfusion system with vacuum waste kit
- Stereo microscope on request
- All parts also available separately





## TEC-05X

### Two-electrode amplifier for large cells



- Reliable recordings of neuromuscular junctions or muscle cells
- Stable recordings from invertebrate ganglion cells
- Perform single electrode recordings in BRIDGE mode

## TEC-10CX

### Two electrode amplifier for sophisticated oocyte recording



- Fastest oocyte clamp system on the market
- Easy setup:
  - no “virtual ground” electrode necessary
- Superior performance due to npi’s PI control
- Optional transient compensation

### Common features of all TEC amplifiers

- PI controller for stable and accurate recordings
- Electrode resistance measurement and audio monitor
- Oscillation shutoff for cell protection
- Four-pole BESSEL filter for current output
- Differential recording without need for virtual ground electrode

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