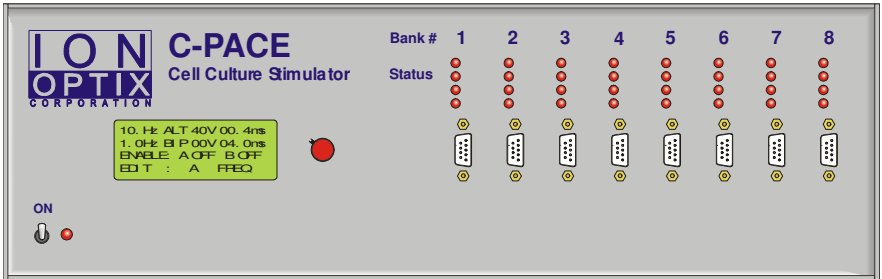


C-Pace™ Cell Culture Stimulator

Model CLP100



The C-Pace is a multi-channel stimulator designed to do chronic stimulation of bulk quantities of cells in culture incubators. It has been shown that chronic stimulation of cultured cardiac myocytes prevents de-differentiation, maintaining the contractile properties of the cell for much longer than quiescent cells. The C-Pace features up to eight independent banks with four channels each, allowing for the pacing of cells in a large number of culture dishes. The ability to emit bipolar stimuli greatly reduces problems with electrolysis at the electrodes. Output voltage (± 40 V), frequency (.010 to 10 Hz), and duration (.4 msec to 24 msec) for each bank can all be easily adjusted from the front panel and are saved in non-volatile memory for quick start-up.

Features

- Digital adjustment of:
 - Frequency (0.010-10Hz)
 - Pulse duration (0.4-24 msec)
 - Voltage (up to ± 40 V)
- Bi-polar pulses
- Works in conjunction with C-Dish™ Culture Dish Electrode Assembly

Inputs / outputs

High Voltage Out - ± 40 V via standard 9-pin DIN connector