

## E.C. STIMULATOR FOR MICE MK-800

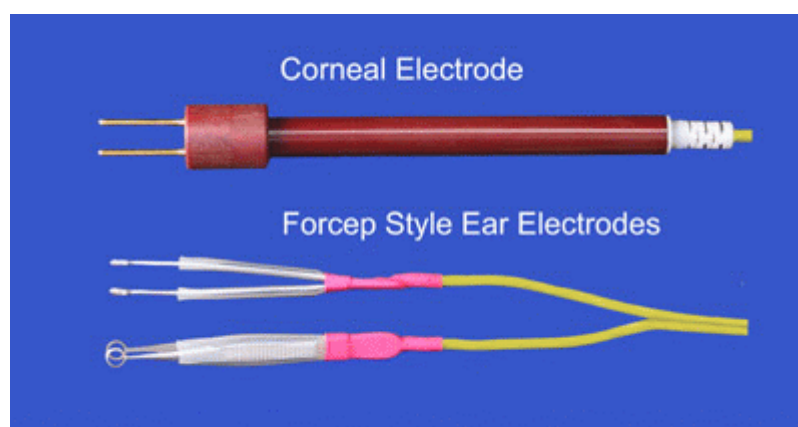


MK-800 E.C. Stimulator has been developed for the screening of anti-convulsant drugs. MK-800 has an unique "Step-up Mode" in addition to the conventional "Constant-current Mode". Output current is controlled by the combination of analog feedback loop and micro processor.

At the step-up mode, the output current is gradually stepped up at the user-defined rate, and the digital panel meter holds the current value delivered last.

The electroshock seizure threshold for each mouse can be determined by the test result. This method is useful for the assessment of both anti- and pro-convulsant activities of drugs (Y. Kitano et al: Journal of Pharmacological and Toxicological Methods Vol.35, Number 1, 1996)

Either constant-current or step-up mode can be selected at the operator's discretion. Corneal electrode is supplied with the instrument as a standard.



SPECIFICATIONS	
Maximum Load	3kOhm (at 50mA)
Compliance Voltage	Approx. 180V
Output Waveform	Square Wave
Pulse Width	0.1 - 99.9mS
Pulse Interval	1 - 100mS
Output Current	0.1 - 50.0mA
Output Duration	0.1 - 10.0S
Increasing-Current Level	0.1 - 10.0mA/Step
Step Time	0.1 - 1.0 sec
Display	3 Digit LED
Operation Mode	Constant-Current or Step-Up Mode
Power	100VAC 50/60Hz
Dimensions	430 <sup>W</sup> × 300 <sup>D</sup> × 130 <sup>H</sup> (mm)
Weight	Approx. ??kg

A Standard System Includes:	
Main Unit (MK-800)	1
Corneal Electrodes CE-80	1
Pedal Switch ECS-10	1
Dust Cover	1

Optional Extra
Forcep-Style Ear Electrodes FAE-80

Specifications are subject to change without notice.