

In-vivo Electroporator SP-2c

Optimized for in-vivo applications. For this reason it has got extremely high output current capability on an affordable secure voltage level.

Output voltage ranges: 0 – 200 V, or 0 – 400 V. These ranges are optimal for applications in living tissues.

Manual output voltage adjustment with a 10-turn precision helical potmeter

Output impedance: 33.6 Ohms

Real output voltage indicator LED

The timing parameters are controlled by a built-in RISC microcontroller in a user friendly menu system.

Display: 4 x 20 characters alphanumeric with background lighting

The working parameters are stored in nonvolatile memory.

Functions: Single Pulse and Burst modes

Number of output pulses: 1 - 99

Pulse length: 1 – 250 ms (adjustable in 1 ms steps)

Pause between the pulses: 10 ms – 60000 ms (adjustable in 10 ms steps)

Mains voltage: 230 V

Manual Start or externally controlled activity (may be used together, independently from each other)

Double security insulation from mains

Emergency Stop capability

External Start input: TTL H-level (overvoltage protected up to 40 V)

3 years of full warranty