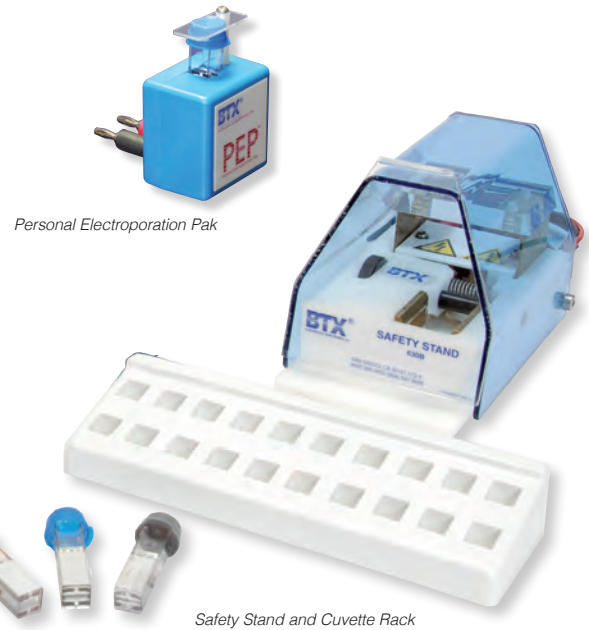


ECM™ 399 Exponential Decay Wave Electroporation System

Economical electroporation system for gram-negative bacteria and yeast applications



Applications

- Basic bacteria and yeast transformation
- Mammalian transfection (limited, in low voltage mode)

The ECM™ 399 is an exponential decay wave electroporation system specifically designed to deliver the field strengths and pulse lengths required for the simple transformation of bacteria and yeast cells. In low voltage mode the ECM 399 has a limited capability for transfecting some mammalian cell lines. The ECM 399 is ideal for basic transformation in research and academic environments. It is easy to operate, cost effective, compact in size and portable.

Specifications

Operational Status	Internal self test upon start-up
Interface	Digital User Interface
Input	110 to 240 VAC
Charge Time	5 s
Voltage Range	LV Mode: 2 to 500 V in 2 V steps HV Mode: 10 to 2,500 V in 10 V steps
Capacitance	LV Mode: 1,050 µF fixed; HV Mode: 36 µF fixed
Resistance	LV Mode: 150 Ω fixed; HV Mode: 150 Ω fixed
Maximum Pulse Length	125 ms at 500 V peak or 5 ms at 2,500 V peak
Safety	Generator short circuit proof

Features

- Highest transformation efficiencies of basic bacteria and yeast strains
- Easy to operate
- Cost effective
- Compact in size and portable
- Available as complete system with cuvettes and cuvette rack

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Ordering Information

Item #	Description	Included Items
45-0000	ECM 399 Electroporation System, Complete, for Cuvettes	ECM 399 Generator, PEP, Cuvettes 1 mm, 2 mm, 4 mm, pkg. of 30 (10 each) and Cuvette Rack 660
45-0207	Safety Stand, Adjustable Gap	Safety Stand
45-0050	ECM 399 Generator Only	ECM 399 Generator only