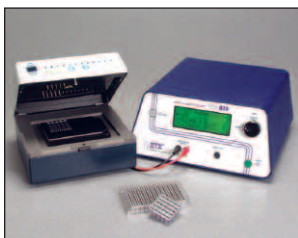


BTX provides a wide variety of electroporation/electrofusion instruments and accessories. We offer technical service, arc proof generators, 2-year warranties and assistance in development of experimental protocols.



High Throughput Multi-Well Electroporation System

APPLICATIONS

siRNA libraries
BAC libraries
Bacteria/yeast/mammalian cells

VOLTAGE

10-3000 Voltages ECM 830 Square Wave
10-2500 Voltages ECM 630 Exponential Decay

FEATURES

96 and 25 well plates
2mm and 4mm gaps
Compatible with Enhancer 3000

BENEFITS

Electroporate 96 samples in seconds
Optimize rapidly electrical and biological parameters
Monitor system performance with Enhancer 3000
2 year warranty



ECM 399 Electro Cell Manipulator

APPLICATIONS

Bacteria & Yeast

VOLTAGE

10-2500 Voltages

FEATURES

Exponential Decay Wave
Voltage Selection
Fixed Resistance and Capacitance
LCD displays voltage and time

BENEFITS

Economical for limited budget
2 year warranty



ECM 630 Electro Cell Manipulator

APPLICATIONS

Gram Negative/Positive bacteria, Yeast, Plant, Insect

VOLTAGE

10-2500 Voltage

FEATURES

Exponential Decay Wave
1-3275uF Capacitance LV
25 & 50uF Capacitance HV
Compatible with Enhancer 3000

BENEFITS

Unparalleled resistance ranges & widest capacitance range settings
HT compatible
2 Year Warranty



ECM 830 Electro Cell Manipulator

APPLICATIONS

Mammalian Cells, In Vitro, In Vivo, In Ovo & limited bacteria

VOLTAGE

10-3000 Voltage

FEATURES

Square Wave
Multiple pulses 1-99
HT-96 & 25 well capability
Compatible with Enhancer 3000

BENEFITS

High efficiency, high viability of mammalian cell
2 Year Warranty



ECM 2001 Electro Cell Manipulator

APPLICATIONS

Electrofusion and Electroporation
Hybridoma Production
Cell Fusion
Somatic Cell Nuclear Transfer
Parthenogenesis
Tetraploid formation
Stem Cell Research

VOLTAGE

10-3000 Voltages

FEATURES

Square Wave
AC Alignment 1MHz
DC Multiple Pulses: 1-9

BENEFITS

AC aligns cells quickly
Post AC results in high hybrid formation
2 Year Warranty



Enhancer 3000 Monitoring System

APPLICATIONS

Monitors and displays the actual electroporation or electrofusion parameters as a wave form

FEATURES

Confirm and track all key electrical parameters
Monitors waveform for optimization, troubleshooting or QC/QA routine experiments

Communications Modules

BENEFITS

Track and confirm wave form, field strength and other parameters
QC/QA documentation
Compatible with all BTX ECM generators and any competitive generator with external electrical output

BTX[®]
HARVARD APPARATUS

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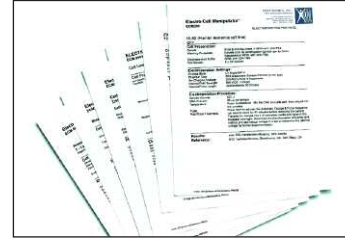
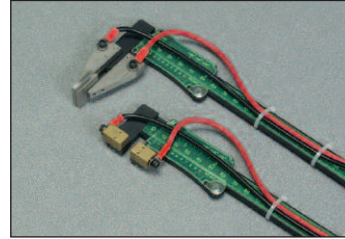
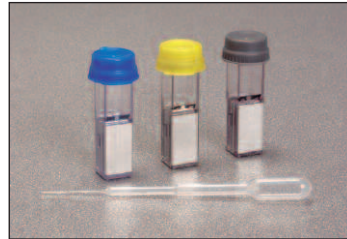
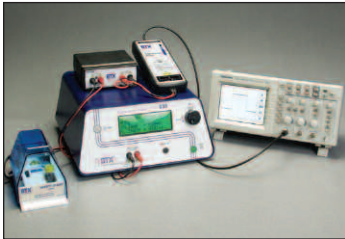
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www.btxonline.com

Outstanding BTX Technical and Customer Services Provide Access to a Vast Database of Protocols and Reference Papers



Enhancer 3000 Monitoring System with ECM 830 Electro Cell Manipulator

- Validate all key electroporation parameters
- Optimize protocols quickly and efficiently
- Track data for QC/QA documentation and send to printer or computer with optional communications module
- Facilitates troubleshooting
- Compatible with all BTX and any generator with external output power

Cuvettes

- Available in 1, 2 & 4 mm gap sizes with color-coded caps and a disposable pipette
- Interchangeable with most competitive cuvettes
- Bulk packaging available

Safety Stand



- Safety interlock
- Designed to hold two cuvettes at once

Specialty Electrodes

- *In Vivo* & *In Ovo* electrodes including Calipers, Genetrodes™ and Tweezerrodes™
- 2-Needle array electrodes
- Meander and microslide fusion chambers
- Petri dish electrodes
- Flatpack electrodes
- Flow-through chambers

Electroporation References & Protocols

- References related to electroporation, electrofusion and competitive methods
- Over 600 protocols available on-line
- Protocol exchange program
- Thousands of research papers available

Technical Support & Customer Service

- Rapid response to all inquiries
- Technical service representatives available 8:30am to 5:00pm EST
- Convenient access through email: techsupport.btx@harvardapparatus.com
- Troubleshooting & diagnostic support available
- System trial program available



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