

Enhancer 3000 Monitoring Systems

Monitor critical parameters while performing electroporation applications



Applications

- Optimize and troubleshoot electroporation settings
- Capture and print results for documentation purposes
- Track and download images to computer for analysis
- Compatible with ECM 630, ECM 830, and ECM 2001+

The Enhancer 3000 Monitoring System allows researchers to maintain efficiencies, optimize both electrical and biological parameters, view sample runs, troubleshoot possible problems and easily perform routine quality control. Communications using the USB data port permits storage and documentation of data for further analysis.

The Enhancer 3000 simply interfaces between the generator and the electroporation chamber (safety stand or BTX electroporation plate handler). In addition, the optional communications module allows the user to send the waveform information directly to a printer or a computer.

Features

- Confirms and tracks all key electroporation parameters including waveform, pulse lengths, peak amplitude, pulse intervals, field strength, AC duration
- Monitors all waveforms for optimization or troubleshooting of electroporation parameters
- Facilitates calculation of field strength, pulse length, pulse duration or frequency
- Safe connections protect user from exposure to high voltage
- Optional Communications Module offers standard printer and computer interface

Ordering Information

Item #	Description	Included Items
45-0057	Enhancer 3000	Interface Box and Cables
45-0059	Enhancer 3000SC	Interface Box, Oscilloscope, Communications Module and Cables
45-0071	ECM 630 Enhancer System	ECM 630 Exponential Decay Wave Electroporation System (45-0001) and Enhancer 3000 (45-0059), Enhancer 3000 Probe, Enhancer Interface Box, Oscilloscope, Communications Module
45-0072	ECM 830 Enhancer System	ECM 830 Square Wave Electroporation System (45-0002) and Enhancer 3000 (45-0059), Enhancer 3000 Probe, Enhancer Interface Box, Oscilloscope, Communications Module
45-0013	ECM 2001+ Enhancer System	ECM 2001+ Electroporation System (45-0011) and Enhancer 3000 (45-0059), Enhancer 3000 Probe, Enhancer Interface Box, Oscilloscope with USB Communications
45-0471	HT 630 Enhancer System	ECM 630 Generator (45-0051), 2 mm HT Plates, HT-200 Plate Handler (45-0401) and Enhancer 3000 (45-0059)
45-0472	HT 830 Enhancer System	ECM 830 Generator (45-0052), 4 mm HT Plates, HT-200 Plate Handler (45-0401) and Enhancer 3000 (45-0059)
45-0062	Enhancer 3000 High Voltage Interface Box	Includes Voltage Box Only
45-0063	Enhancer 3000 High Voltage Probe	Include Probe Only
45-0064	Enhancer 3000 Oscilloscope, Tektronix TDS1002B w/o 1X/10X Low Voltage Probes, 2-Channel, 60 mHz	Includes Oscilloscope and Probes

Note: Communications module option is required to support printing and computer connection. Digital storage oscilloscope is required to display waveforms.

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