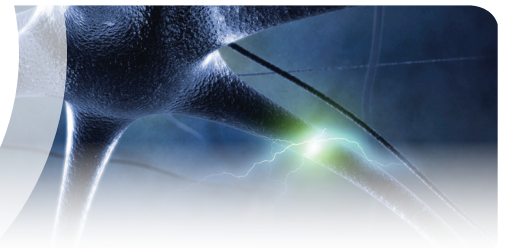




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ECM™ 630 Specifications	
Operational Status	Internal self-test upon start-up
Interface	7 inch color touchscreen
Input	100 to 240 VAC
Charge Time	LV <7 s, HV <4 s
Arc Control	Yes
Voltage Range	
LV Mode	5 to 500 V in 1 V steps
HV Mode	505 to 3,000 V in 5 V steps
Capacitance	
LV Mode	25 to 3275 μ F in 25 μ F steps
HV Mode	10, 25, 35, 50, 60, 75, 85 μ F
Internal Resistance	
LV Mode	25 to 1,575 Ω in 25 Ω steps
HV Mode	50 to 1,575 Ω in 25 Ω steps
Maximum Time Constant	5 s at 500 V peak or 133 ms at 3,000 V peak
Programmability	Storage over 1,000 Protocols
Safety	Pre-Pulse Sample Resistance Check, Pulse Over-Current Protection

Ordering Information	
Order No.	Description
45-2051	ECM 630 Electroporation System with Safety Dome Includes: ECM 630 Generator, Safety Dome, Cuvettes 1 mm, 2 mm, 4 mm pkg. of 30 (10 each), and Cuvette Rack 660
45-0651	ECM 630 Electroporation System with Safety Stand Includes: ECM 630 Generator, 630B Safety Stand, Cuvettes 1 mm, 2 mm, 4 mm pkg. of 30 (10 each) and Cuvette Rack 660
45-0652	ECM 630 Generator only
45-0655	ECM 630 System with Monitoring Includes: ECM 630 Generator, 630 B Safety Stand, Cuvettes 1 mm, 2 mm, 4 mm, pkg of 30 (10 each), Cuvette rack 660, Enhancer 3000 probe, Enhancer interface box, Oscilloscope and cables
45-0653	ECM 630 High Throughput System, 25-well with HT-100 Includes: ECM 630 Generator, 25-Well Plates (2 mm gap, 6X), Plate Seals, HT-100 Plate Handler and a plate adaptor
45-0654	ECM 630 High Throughput System, 96-well with HT-100 Includes: ECM 630 Generator, 96-Well Plates (2 mm gap, 2X), Plate Seals, HT-100 Plate Handler and a plate adaptor
45-0656	ECM 630 High Throughput System with Monitoring Includes: ECM 630 Generator, 630B Safety Stand, Cuvettes 1 mm, 2 mm, 4 mm pkg. of 30 (10 each), Cuvette Rack 660, Enhancer 3000 Probe, Enhancer Interface Box, Oscilloscope, Cables, 25-Well Plates (2 mm gap, 6X), HT-200 Plate Handler and a plate adaptor