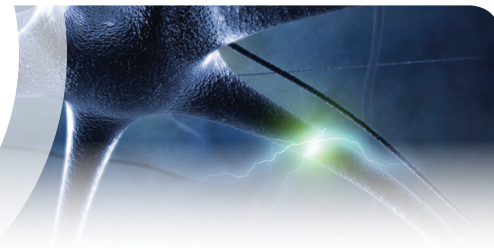




a division of Harvard Bioscience, Inc.



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 |