

BTX ECM 830 Electroporation System  
Specifications

<b>Item</b>	
Input	110 to 240 Vac
Charge Time	LV <7 s, HV <4 s
Pulse Length	<ul style="list-style-type: none"> <li>• 10 <math>\mu</math>s - 999 <math>\mu</math>s (LV Mode) @ 1 <math>\mu</math>s resolution</li> <li>• 1 ms - 999 ms (LV Mode) @ 1 ms resolution</li> <li>• 1 s - 10 s (LV Mode) @ 0.1 s resolution</li> <li>• 10 <math>\mu</math>s - 600 <math>\mu</math>s (HV Mode) @ 1 <math>\mu</math>s resolution</li> </ul>
Voltage Range	<ul style="list-style-type: none"> <li>• 5 - 500 V (LV Mode) @ 1 V resolution</li> <li>• 505 - 3,000 V (HV Mode) @ 5 V resolution</li> </ul>
Multiple Pulsing	1 - 99 pulses
Pulse Interval	100 ms - 10 sec
Programmability	Storage up to 1000 user defined protocols
Available Electrodes	<ul style="list-style-type: none"> <li>• Cuvette electrode chamber</li> <li>• Platinum tweezertrodes (5 mm &amp; 7 mm)</li> <li>• Gold genepaddle kit (3 x 5 mm)</li> <li>• Platinum petri dish electrode (7 x 7 x 1 mm)</li> </ul>