The ExPERT STx electroporation technology is capable of high-performance delivery of virtually any molecule, into any cell, at any scale with the unique ability to transfect primary cells, stem cells and cell lines with minimal disturbance resulting in transfection efficiencies routinely ≥90%.

It is the industry’s leading scalable electroporation technology for high yield transient expression of complex proteins, vaccines and biologics.

- Rapidly transfect from $7 \times 10^4$ up to $2 \times 10^8$ cells
- High efficiency with flexible media strategies deliver significant cost savings
- Improved yields, at scale, can decrease development timelines
- Proprietary Flow Electroporation™ Technology
- Faster production of stable clones
- cGMP-compliant, ISO-certified, and CE-marked

The ExPERT STx provides enhancements that improve ease of use, processing workflow, and overall user experience, with its elegant design that fits seamlessly into any high-tech laboratory space.

**Integrated Touch-screen** - easy operation with a touch of a finger

**Enhanced Software User Interface** - upgraded software provides additional functionality and intuitive ease of use

**LED Status Indicators** - 6 colorful and clearly defined status modes provide the user with a quick way to visualize instrument and run status

**Retractable Bag Hooks** - easily available when needed for large volume processing and then fold away when not in use

**Reduced Footprint** - industry’s leading transfection processing capacity in a small footprint - maximizes productivity while saving valuable laboratory counter space

**Elegant Design** - modern and sleek appearance to enhance laboratory aesthetics


www.myexpertplatform.com
**STx Instrument Specifications:**

<table>
<thead>
<tr>
<th>Item</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>STx Instrument Dimensions</td>
<td>8” wide x 19.5” high x 17” deep</td>
</tr>
<tr>
<td>STx Instrument Weight</td>
<td>55 lbs</td>
</tr>
<tr>
<td>STx Input Power</td>
<td>100-240VAC, 50-60Hz, 3.5A</td>
</tr>
<tr>
<td>Fuse Requirements</td>
<td>2X 4A Slow Blow, 250V, 5X20mm</td>
</tr>
<tr>
<td>Operating Humidity</td>
<td>93% max</td>
</tr>
<tr>
<td>Operating temperature</td>
<td>15°C - 25°C</td>
</tr>
<tr>
<td>Storage Temperature</td>
<td>0°C - 45°C</td>
</tr>
<tr>
<td>Uninterruptible Backup Power Supply Capacity</td>
<td>5 minutes of run time minimum</td>
</tr>
<tr>
<td>Modes of Operation</td>
<td>Static and Flow</td>
</tr>
<tr>
<td>Process Volumes</td>
<td>15 uL – 100 mL</td>
</tr>
<tr>
<td>Performance (Flow Mode)</td>
<td>8 mL / minute</td>
</tr>
</tbody>
</table>

**ExPERT ATx Instrument Specifications:**

- Flow Electroporation Capable
- Static Electroporation Capable
- Compatible with all MaxCyte Processing Assemblies
- Scalable capabilities from 75K cells to 20 billion cells

**CE Marking Application of Council Directive(s):**

- 2004/108/EC
- 20014/35/EC

**Standards to which Conformity is Declared:**

- EN61010-1:2010 -3rd Edition: Safety requirements for electrical equipment for measurement, control, and laboratory use- Part 1: General requirements
- EN61326-1:2013: Electrical Equipment for Measurement, Control and Laboratory Use – EMC Requirements
- CISPR 11:2009 +A1:2010:Limits and methods of measurement of electromagnetic disturbance characteristics of industrial, scientific and medical (ISM) radio-frequency equipment

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