



STx™

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 $\geq 90\%$.

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

- Rapidly transfect from $7E4$ up to $2E10$ 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

Standard Features:

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

Service & Support Package:

- Provides Installation Qualification and Operational Qualification Support
- Provides Annual Calibration Support
- In-Lab Support by Experienced Field Applications Scientists
- Global Support throughout North America, Europe, Israel, Asia, Australia

ExPERT ATx Instrument Specifications:

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

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