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GTx®

MaxCyte® | eXpert®

The ExPERT GTx 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 represents the next generation of the industry's leading, clinically validated and scalable electroporation technology for complex cellular engineering.

- Rapidly transfect from 75 thousand to 20 billion cells
- 21CFR Part 11 enabled software
- Established regulatory path supported by FDA Master File
- Closed, cGMP compliant system
- MaxCyte's proprietary Flow Electroporation™ Technology

The **ExPERT GTx** provides enhancements that improve ease of use, processing workflow, regulatory compliance, 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, 21 CFR Part 11 enabled software provides additional regulatory compliant 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

Barcode Reader - capture important sample processing details and minimize manual information entry to improve overall sample, reagent and Processing Assembly traceability

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

Network Capable:

- Shared local drive access to generate and save reports automatically
- Electronic signatures to minimize transcription errors
- Network user authentication to reduce the number of passwords needed
- API (Application Programing Interface) capable to integrate into your manufacturing automation system

MaxCyte®

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Standard Features:

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

Quality & Regulatory Features:

- 21 CFR Part 11 Enabled Software
- FDA Master File Supported
- cGMP Compliant System
- Independently CE tested to comply with the applicable EMC Directive requirements (IEC 61326-1, EN 61000) and safety standards (SPE 1000, EN 61010, CSA 61010-1)

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 GTx Instrument Specifications:

Item	Specification
GTx Instrument Dimensions	8.7” (221mm) x 19.4” (493mm) x 17.6” (448mm)
GTx Instrument Weight	55 lbs (25 Kg)
GTx 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
Modes of Operation	Static and Flow
Process Volumes	15 µL – 100 mL
Performance (Flow Mode)	8 mL / minute
Ports Available	1 USB / 1 Ethernet

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
- CRISPR 11:2009 +A1:2010: Limits and methods of measurement of electromagnetic disturbance characteristics of industrial, scientific and medical (ISM) radio-frequency equipment
- IMDF/CYBR WG/N 60: Principles and Practices for Medical Device Cybersecurity