

THE POWER OF

Easy & Affordable Cell Identification and Direct, Absolute Cell Counting

System features & benefits

- **Three fluorescent parameters**
– Simultaneous multicolor detection
- **Blue laser**
– For FITC, GFP, PE, and more
- **Direct, absolute cell counts**
– Without reference beads
- **Forward & side scatter (optional)**
– For relative cell size and granularity
- **Turnkey assays**
– Little to no assay development time

Once again Guava Technologies is making microcapillary flow cytometry accessible to anyone in the laboratory. Novices and experts alike will appreciate the Guava EasyCyte™ Mini Flow Cytometry System. It's easy to use, surprisingly affordable, and very compact, with features such as **absolute cell counts**, **five parameters** (three fluorescent colors, two light scatter), and a **blue laser** for access to commonly used fluorescent dyes.

The Guava EasyCyte Mini System runs all Guava® Assays, enabling easy, fast analysis of GFP expression and viability, cell counting and viability, apoptosis, cell cycle, cell markers, and more. Each assay meets exacting standards of robustness, ease-of-use, and affordability, while requiring only a **few microliters of sample** and **generating minimal waste**. Like all Guava® Flow Cytometry Systems, the unique ability to obtain direct, absolute cell counts, in addition to population percentages, allows researchers to monitor increases or decreases in overall cell number which may have an impact on their assay. This functionality cannot be obtained with traditional sheath flow cytometers. With the EasyCyte Mini System, you don't have to rely on core labs to run your sophisticated cell analysis assays any longer. You can conduct your own studies in your own lab on your own schedule.



- 1 **Microcentrifuge tube format**
Requires less reagent and sample. Dual sample loader enables running one sample while prepping the next.
- 2 **Small footprint**
Takes up less space.
- 3 **Waste vial**
Requires no sheath fluid, so waste is minimal (<50 mL in 8 hours).
- 4 **Cleaning vial**
Semi-automated cleaning in less than two minutes.
- 5 **Laser and system buttons**
Support off-line data analysis and save on laser life.
- 6 **Flat screen LCD monitor**
Fits easily underneath standard lab cabinets.
- 7 **Internal computer with multiple I/O ports**
Four USB ports: Two on rear panel, two on monitor. Ethernet, audio, and parallel ports on rear panel.

Get more with less

- **Less sample:** <20 µL
- **Less reagent:** ¼ to ½ that of standard protocols
- **Less training:** Be up and running in less than half a day
- **Less maintenance:** Flow cell is self-aligning and user-replaceable
- **Less cost:** Affordable and easy to use
- **Less waste:** <50 mL in 8 hours

Optimized turnkey assays

- **Direct, absolute cell counting and viability**
- **Cell cycle**
- **Cell toxicity**
- **Cell proliferation**
- **Cell painting**
- **Cell signaling**
- **Apoptosis**
 - Annexin V
 - Pan caspase
 - Caspase 3/7 and 8*
 - TUNEL
 - Mitochondrial membrane potential
- **Antigen detection**
- **GFP expression**

*User may transfer samples to tubes for collection on the EasyCyte Mini System



The Guava® Flow Cell

The key to the system's ease of use and direct, absolute cell counting

- User-replaceable
- Self-aligning—no user adjustments required
- No sheath fluid
- Automated cleaning functions

Assay-specific software modules

- **Increase productivity**
 - Data are exported automatically to spreadsheet file
 - Only assay-specific plots and statistics are displayed
 - Friendly user interface is the same across all modules
 - Analysis software is optimized for each assay
- **Minimize error**
 - Result statistics are automatically calculated and displayed
- **Obtain consistency**
 - Adjust settings displays are optimized for each assay
 - Retrieve settings feature allows the same settings to be applied to multiple experiments
 - Compensation feature reduces overlapping fluorescent signals
- **Gain independence**
 - User-defined, multicolor assay software option
 - New assay modules can be added to meet your changing research needs



Ordering information

Guava EasyCyte™ Mini Flow Cytometry System 0500-1430

Software modules for the Guava EasyCyte Mini System

Guava ViaCount® Software	0500-1470
Guava Express® Plus Software	0500-1480
Guava Nexin® Software	0500-1490
Guava® Multi-Caspase Software	0500-1500
Guava® TUNEL Software	0500-1510
Guava® Cell Cycle Software	0500-1520
Guava® Cell Toxicity Software	0500-1530
Guava® Cell Paint Software	0500-1540
Guava® Cell Growth Software	0500-1550
Guava® Mitochondrial Depolarization Software	0500-1560
Guava CytoSoft™ Advanced Assay Suite (5+ modules)	0500-1600

(includes all software modules listed above)

For pricing, please contact Guava Technologies, Inc.

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