

# Guava® EasyCyte™ Plus Flow Cytometry System

**Automated Multicolor Detection and Absolute Counts for Fast and Easy Identification of Cell Phenotype and Function**



## Features

- Functionality of a high-throughput instrument in a smaller, more affordable format.
- Three fluorescent parameters allow simultaneous, multicolor detection. You can use a variety of fluorochromes including FITC, GFP, and PE, to name a few.
- Forward and side scatter help you determine relative cell size and granularity with fourth-color option enabling six parameter detection.

As a cell biologist, you know the impact that high-quality flow cytometry data can have on your research. Measuring changes in a cell's protein expression can give you vital insight into stem cell differentiation, disease processes, aging, cancer development, drug treatment, and toxicity, among other factors.

Now, Millipore and Guava Technologies, Inc. are partnering to make microcapillary flow cytometry even more accessible with the Guava EasyCyte Plus Flow Cytometry System. It provides the power you need for higher throughput and multicolor detection, while remaining easy to use, surprisingly cost effective, and very compact.

But don't be fooled by its small size – the EasyCyte Plus System offers more for less. Options for automated tube or microplate sampling allow you more flexibility for high or low throughput applications. You'll use your precious samples more efficiently because the system uses small sample volumes. And since no sheath fluid is required, you generate less waste overall – typically <50 mL in eight hours. You'll also spend less time in training since the user interface is easy to learn, especially when combined with our optimized, turnkey software packages. And there's less maintenance required, because the integrated flow cell is user-replaceable and self-aligning. Finally, the unit takes up less space in your lab with its small footprint.

## EasyCyte Plus System at a Glance...

### Dimensions:

Length: 40.6 cm

Height: 33 cm

Depth: 57.2 cm



4. **Wide screen laptop computer** is able to display up to 8 different plots simultaneously.

3. **Waste Vial**

No sheath fluid is used, so you generate less than 50 mL of waste overall in a typical 8 hour workday.

2. **Small footprint**

Saves space on your laboratory benchtop so you can have room for more equipment.

1. **Built-in sample tray** provides walk-away automation for a 96-well microplate and up to 10 tubes.

## OPTIMIZED ASSAYS

The EasyCyte Plus System can run all currently available turnkey assays from Guava Technologies, including cell counts and viability, apoptosis, and cell cycle. Each assay meets exacting standards of robustness, ease-of-use, and affordability, while requiring only a few microliters of sample and generating minimal waste. Further, the near infrared fourth-color option, available with the Guava Express® Pro Software module, makes it easy to monitor both extracellular and intracellular events simultaneously so you can better understand changes in cell function.

## APPLICATIONS

- **Direct, absolute cell counting and viability**
- **Apoptosis:** annexin V, pan caspase, caspases 3/7 and 8, TUNEL, and mitochondrial membrane depolarization
- **Cell cycle**
- **Cell signaling**
- **Cell toxicity**
- **Cell proliferation**

## GUAVA ADVANCED PRO SOFTWARE SUITE

- Intuitive user interface for easy multicolor detection
- Improved processing for better data acquisition and analysis
- Expanded array of user-defined options

Simplify the complexity of multicolor detection with our Advanced Pro Software Suite, which contains the CytoSoft™ Software platform, the Guava Express Pro software module, and all our assay-specific modules.

Designed for both data acquisition and analysis, the intuitive user interface allows you to view up to eight plots simultaneously, while still accessing operation or analysis functions—all from the same screen. With just a right-click of the mouse, features like plot type, marker selection, statistics, gates, and others are easily selected and customizable to your experimental design. Color-coded dots allow you to follow your gating strategies across multiple plots and histograms. And, special batch printing of data and transfer of plots via clipboard commands makes it easy to incorporate data into presentations or reports.

### SERVICE PLANS

Extend the life of your instrument with a Millipore Service Plan! Our one- and two-year plans begin when your initial one-year warranty ends. These plans cover all preventative maintenance and repairs as well as technical support and software upgrades. Speak with your Field Service Engineer to learn how to decrease the risk of downtime with one of our Service Plans.

### TECHNICAL SUPPORT

Our friendly, well-informed technical service team has the answers you need for your cell biology questions and concerns. For questions that require more detailed explanations, we even offer specialized on-site or web-based training sessions. Please visit [www.millipore.com/support](http://www.millipore.com/support) for contact information.



## ORDERING INFORMATION

Description	Catalogue No.
Guava EasyCyte Plus System, base configuration	0500-1980
4th color, near infrared (NIR) option, at time of purchase	0500-1970
4th color, near infrared (NIR) option, after purchase	0500-2120
Side scatter upgrade, at time of purchase	0500-1370
Side scatter upgrade, after purchase	0500-1330
<b>Software modules for the Guava EasyCyte Plus System</b>	
Guava Express Pro Software (required for 4th color operation)	0500-2020
Guava ViaCount® Software	0500-2000
Guava Express Plus Software	0500-2010
Guava Nexin® Software	0500-2030
Guava Multi-Caspase Software	0500-2040
Guava TUNEL Software	0500-2050
Guava Cell Cycle Software	0500-2060
Guava Cell Toxicity Software	0500-2070
Guava Cell Growth Software	0500-2090
Guava Mitochondrial Depolarization Software	0500-2100
Guava CytoSoft Advanced Assay Suite (5+ modules)	0500-2110
(Includes all software modules listed above)	

To learn more about our integrated solutions for flow cytometry, please contact Millipore or Guava Technologies. The chart (right) shows which company serves your organization.

To stay up-to-date on our joint product and service offerings, please visit [www.millipore.com/flowcytometry](http://www.millipore.com/flowcytometry).

	Audience	Guava Assays & Kits	Flow Cytometry Systems	Service
Europe & North America	Academic & Government	■	■	■
	Pharma & Biotech	●	●	■
All Other Countries		■	■	■

■ Millipore Corporation    ● Guava Technologies



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