

GloCyte delivers clear results because you care.



 **Instruments**
smart solutions & service

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System specifications

Sample type Human cerebrospinal fluid (CSF)

Assay parameters Total nucleated cell (TNC) and red blood cell (RBC)

Sample volume 30 µL per assay

Test time 1-2 specimens in under 5 minutes

Power requirement

- Universal AC/DC power supply: 100 to 240 VAC (50/60 Hz)/1A
- Instrument: 12 VDC/2A
- Vacuum Station: 5 VDC/0.5A

Communications USB 2.0 ports

Laser Class 3B, 30 mWatts nominal rating, Class 1 when installed in the instrument with the external enclosure in place

Operating conditions

- Temperature: 18°C to 35°C (64°F to 95°F)
- Humidity: 5 to 90% RH, non-condensing

Storage temperature

- GloCyte instrument & vacuum station: -20°C to 60°C (-4°F to 140°F)
- GloCyte test cartridges: 10°C to 40°C (50°F to 104°F)

Dimensions (D x W x H)

- Instrument: 20.4 cm x 15.3 cm x 25.5 cm (8.0" x 6.0" x 10.0")
- Computer: 20 cm x 50 cm x 40 cm (8.0" x 20.0" x 16.0")
- Vacuum station: 10.8 cm x 12.1 cm x 10.8 cm (4.3" x 4.8" x 4.3")

Net weight 18.1 kg (40.0 lbs.)

Shipping weight 24.5 kg (54.0 lbs.)

Warranty One-year limited warranty on workmanship and all parts.

GloCyte system

Part number	Description
GLOCYTE	GloCyte instrument, computer, vacuum station, barcode reader, sample preparation tray, pipettes, and startup kit

Parts and supplies

Part number	Description
111010	Test cartridges (200 pieces)
111011	RBC reagent (3 vials, 1.8 mL each)
111012	TNC reagent (3 vials, 1.8 mL each)
111013	Low and high level controls (1 vial of each level, 3 mL each)
111164	Sample preparation tray
800097	Pipette tips (960 pieces)
802024	Vacuum station o-ring
806053	10 µL fixed volume pipette
806054	30 µL fixed volume pipette

GLQCYTE
Clear results that count



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For more information | 1-800-225-4034 | 1-781-320-9000
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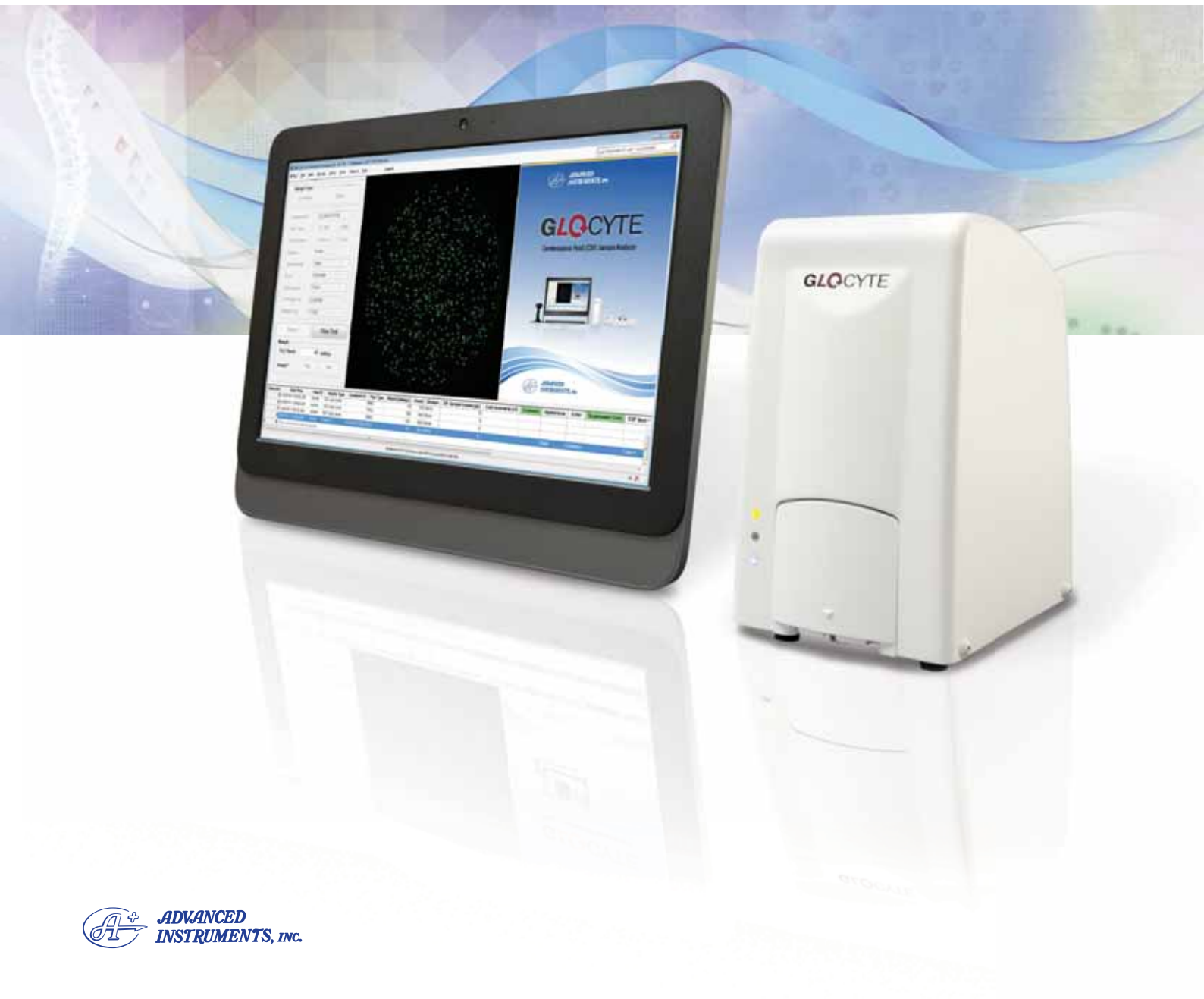
The management system governing the manufacturing of this product is ISO 9001 and ISO 13485 registered.

Hot-Line® Technical Service Advanced Instruments Hot-Line Service provides comprehensive customer service and technical support.

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MP21012 Rev. 1

A new way to obtain CSF counts.



Introducing the GloCyte® Automated Cell Counter for CSF.

There's never been a CSF analyzer like this.

GloCyte delivers highly accurate and precise TNC and RBC results using a novel combination of fluorescence technology, highly specific reagents, and an intelligent counting algorithm.

GloCyte can handle all of the CSF specimens that enter your laboratory—it provides cell counts you can trust at clinically relevant low levels and reduces valuable time spent counting more difficult specimens.

Count on GloCyte because we know a lot is riding on the results.

Timely results you can count on.

- GloCyte puts your mind at ease by calculating TNC and RBC results for you in cells/ μ L.
- Quick assay procedure generates results with only 30 μ L of sample per test.
- No mandatory background checks are required between samples.

Productivity you can count on.

- GloCyte uses disposable test cartridges, so there is no carryover between samples and infectious specimens can be processed without worry.
- No more headaches from routine maintenance because GloCyte has no moving parts.
- The proficiency assessment tool confirms new users will obtain results with confidence.
- Test cartridges can be manually marked for keeping track of sample analysis.
- The analyzer's small footprint makes the most of every inch of valuable lab space.

Simplicity you can count on.

- GloCyte is easy to operate with everything you need on one screen.
- When dilution is necessary, software guidance leads you through the quickest way to get to the result.
- Interactive software makes troubleshooting easy.
- Customizable field entries provide consistency with terminology currently used in your laboratory.

Data management you can count on.

- Simple search functions make it easy to quickly retrieve results.
- Quality control features include Levey-Jennings charts, password protection, and an audit table. You can also flag aberrant control results and expired materials.
- GloCyte software interfaces with LIS and data is easily exported for statistical analysis.
- Comprehensive patient reports can be printed effortlessly.

Accurate and precise low TNC and RBC results.



Assay

Sample preparation tray

Organizes the CSF analysis workflow to help operators work more efficiently



Low and high level controls

Ensure optimal system performance

TNC and RBC reagents

Stain total nucleated and red blood cells

Results in 5 minutes. Alleviates bottlenecks.



Hardware

Computer and application software

Take the guesswork out of cell counting

GloCyte instrument

Utilizes fluorescence-based technology

Barcode reader

Eliminates transcription errors

Vacuum station

Accelerates the capturing of stained cells on the test cartridge

Test cartridges

Capture stained cells and retain excess liquid in the test cartridge for easy disposal

Fixed volume pipettes

Ensure accurate and precise volume delivery

Only 30 μ L of CSF sample per test