



Cellometer[®] Auto 2000

Automated Cell Viability Counter

Specification Sheet

Includes:

- Cellometer Auto 2000 Instrument with integrated computer and touch-screen and dual-fluorescent optics
- Cellometer Software
- Two USB 2.0 ports
- Power Supply
- Ethernet port
- Phone/online applications support during set-up

Imaging Performance:

Cell Size: 5 – 300* microns
Conc. Range: 10⁵ – 10⁷ cells/ml

Bright field imaging, fluorescent imaging and pattern-recognition software to quickly and accurately decluster, identify and count individual cells.

* Cellometer CHT4-PD300 Slides are required for cells > 80 microns in diameter

Instrument Specifications:

Weight: 26 lbs. (11.8 kg)
Dimensions: Width: 11.1" (28.2 cm)
Depth: 12.8" (32.4 cm)
Height: 13.4" (34.0 cm)
Input to Power Adapter: 100-240 VAC, 50/60 Hz, 1.5A
Output to Instrument: 12 VDC, 7.5A

Display:

10.4" touch screen

Fluorescent Optics:

Excitation / Emission: 470nm/535nm

Example Fluorophores:

- Acridine Orange (+DNA)
- Calcein AM
- CFDA
- SYTO[®] 9
- SYTO[®] 13

Excitation / Emission: 540nm/605nm

Example Fluorophores:

- Propidium Iodide
- Ethidium Bromide

For more information, email support@nexcelom.com or call: 978-327-5340.



Nexcelom Bioscience LLC. | 360 Merrimack Street, Building 9 | Lawrence, MA 01843
Telephone: 978.327.5340 | Fax: 978.327.5341 | Email: info@nexcelom.com | www.nexcelom.com
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