



Cellometer[®] Auto X4

Automated Fluorescent Cell Counter

Specification Sheet

Includes:

- Cellometer Auto X4 Instrument
- Cellometer Software
- One Fluorescent Optics Module
- Power Supply
- USB 2.0 Connection Cable
- Phone/online applications support during set-up

Magnification Selection:

- 4x (ex: most mammalian cells)
- 10x (ex: yeast, platelets)

Imaging Performance:

	4x magnification	10x magnification
Cell Size	5 – 300* microns	0.5 – 25 microns
Conc. Range:	10^5 – 10^7 cells/ml	5×10^5 – 10^7 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:	23.0 lbs. (10.4 kg)
Dimensions:	Width: 6.0" (15.2 cm) Depth: 8.5" (21.6 cm) Height: 14.0" (35.6 cm)
Input to Power Adapter:	100-240 VAC, 50/60 Hz, 0.5A
Output to Instrument:	12 VDC, 1.5A

PC / Laptop Requirements:

(If purchasing Cellometer without PC laptop)

- Windows Vista, Windows 7 or Windows 8
 - 1.6 GHz or higher processor
 - 2GB RAM
 - USB 2.0 port
 - Display resolution: 1024 x 768 pixels or higher
- Intel Mac with Parallels/Windows



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ISO 9001:2008 registered



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**Available
Fluorescent Optics
Modules:**

XB-450-301

Excitation / Emission: 375nm/450nm

Example Fluorophores:

- DAPI
- Hoechst 33342 & 33258

XB-535-401

Excitation / Emission: 470nm/535nm

Example Fluorophores:

- Acridine Orange (+DNA)
- GFP
- FITC

XB-595-501

Excitation / Emission: 525nm/595nm

Example Fluorophores:

- Propidium Iodide (PI)
- Ethidium Bromide (EB)

XB-610-401

Excitation / Emission: 470nm/610nm

Example Fluorophores:

- Chlorophyll

XB-695-601

Excitation / Emission: 630nm/695nm

Example Fluorophores:

- Allophycocyanin (APC)

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



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