



Cellometer[®] K2

Image Cytometer for Cell Counting and Analysis

Specification Sheet

Includes:

- Cellometer K2 Instrument
- Cellometer Software
- Two Standard Fluorescence Optics Module
- Power Supply
- USB 2.0 Connection Cable
- Phone/online applications support during set-up

Available

- PC laptop

Accessories:

Imaging**Performance:**

Cell Size 5 – 300* microns

Conc. Range: 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, 1.0A

Output to Instrument: 12 VDC, 3.34A

PC / Laptop**Requirements:**

(If purchasing Cellometer without PC laptop)

- Windows Vista, Windows 7 or Windows 8
- 2.2 GHz or higher processor
- 4GB 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

1001232 Rev. B



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**Available
Fluorescence
Optics Modules:**

VC-535-402

Excitation / Emission: 470nm/535nm

Example Fluorophores:

- Acridine Orange
- CFDA
- FITC

VC-660-502

Excitation / Emission: 540nm/660nm

Example Fluorophores:

- Propidium Iodide (PI)
- Ethidium Bromide
- 7-AAD

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



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