

# Cellometer<sup>®</sup> Vision CBA

## Analysis System

### Includes:

- Cellometer Vision HSL Instrument
- PC Laptop
- Two Standard Fluorescence Optics Modules
- Cellometer Vision CBA Software (2 copies: 1 for instrument, 1 for remote work station)
- USB 2.0 Connection Cable
- Power Supply
- Phone/online applications support during set-up
- 75 slides

### Optional Components / Features:

- 10x Magnification (5x magnification is standard)

### Imaging Performance:

	Vision 5x	Vision 10x
Cell Size	5 – 300* microns	0.5 - 25 microns
Conc. Range:	10 <sup>5</sup> – 10 <sup>7</sup> cells/ml	10 <sup>5</sup> - 10 <sup>7</sup> cells/ml

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

### Instrument Specifications: (5x and 10x)

Weight:	25 lbs. (11 kg)	Voltage: 100-240V AC 50-60 Hz
Dimensions:	Width: 6" (15cm) Depth: 8.5" (22cm) Height: 14" (36cm)	

### Available Fluorescence Optics Modules:

Excitation Light	Ex 375nm	Ex 470nm	Ex 525nm	Ex 540nm	Ex 630nm
Emission Filter	Em 470nm	Em 535nm	Em 595nm	Em 660nm	Em 695nm
<b>Fluorophores*</b>	AlexaFluor <sup>®</sup> 350	AlexaFluor <sup>®</sup> 488, Calcein, FITC	AlexaFluor <sup>®</sup> 546, AlexaFluor <sup>®</sup> 555, Cy3 <sup>®</sup> , PE, Rhodamine B	AlexaFluor <sup>®</sup> 647-PE, 7-AAD, Nile Red	AlexaFluor <sup>®</sup> 647, APC, Cy5 <sup>®</sup>
<b>Nucleic Acid Stains*</b>	DAPI, Hoechst 33342 & 33258	Acridine Orange (AO), SYTO <sup>®</sup> 9, SYTO <sup>®</sup> 13	Propidium Iodide (PI), EB, SYTOX <sup>®</sup> Orange	PI, EB	
<b>Fluorescent Proteins*</b>	BFP, CFP	GFP, YFP	DsRed, RFP		

\*This table lists a few popular examples. Other fluorophores, fluorescent stains, and fluorescent proteins are compatible with the Vision CBA Analysis System. Custom fluorescence optics modules are also available.

For customized optical modules, e-mail [support@nexcelom.com](mailto:support@nexcelom.com) or call: 978-327-5340.

