

Cellometer[®] Vision

Cell Analyzer

- Includes:**
- Cellometer Vision Instrument
 - Two Standard Fluorescent Optics Modules
 - Cellometer Vision Software
 - USB 2.0 Connection Cable
 - Power Supply
 - Phone/online applications support during set-up

- Optional Components / Features:**
- 10x Magnification (5x magnification is standard)
 - PC Laptop

Imaging Performance:	Vision 5x	Vision 10x
Cell Size	5 - 300* microns	0.5 - 25 microns
Conc. Range:	10 ⁵ - 10 ⁷ cells/ml	10 ⁵ - 10 ⁷ 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)	

- PC / Laptop Requirements (if purchasing without PC laptop):**
- Windows XP (SP3), Vista, or Windows 7
 - 1.6 GHz or higher
 - 1GB RAM (2-4GB recommended)
 - USB 2.0 port
 - Display resolution: 1024 x 768 pixels or higher

Available Fluorescent Optics Modules:	VB-535-402 (Excitation / Emission: 475 nm/535 nm) Example Fluorophores: <ul style="list-style-type: none">• Acridine Orange (+DNA)• Calcein• <i>Bright</i> EGFP (enhanced)• GFP (<i>Bright</i> Green Fluorescent Protein)• SYTO® 9• SYTO® 13	VB-595-502 (Excitation / Emission: 525 nm/595 nm) Example Fluorophores: <ul style="list-style-type: none">• DsRed (<i>Bright</i> Red Fluorescent Protein)• Propidium Iodide• Ethidium Bromide• R-phycoerythrin (PE)• Rhodamine B• SYTOX® Orange
	VB-660-502 (Excitation / Emission: 540 nm/660 nm) Example Fluorophores: <ul style="list-style-type: none">• 7-Aminoactinomycin D (7-AAD)• Acridine Orange (+RNA)• Propidium Iodide• Ethidium Bromide	VB-695-602 (Excitation / Emission: 630 nm/695 nm) Example Fluorophores: <ul style="list-style-type: none">• Allophycocyanin (APC)
	VB-450-302 (Excitation / Emission: 375 nm/450 nm) Example Fluorophores: <ul style="list-style-type: none">• BFP (Blue Fluorescent Protein)• DAPI• Hoechst 33342 & 33258	

For customized optical modules, email support@nexcelom.com or call: 978-327-5340.

