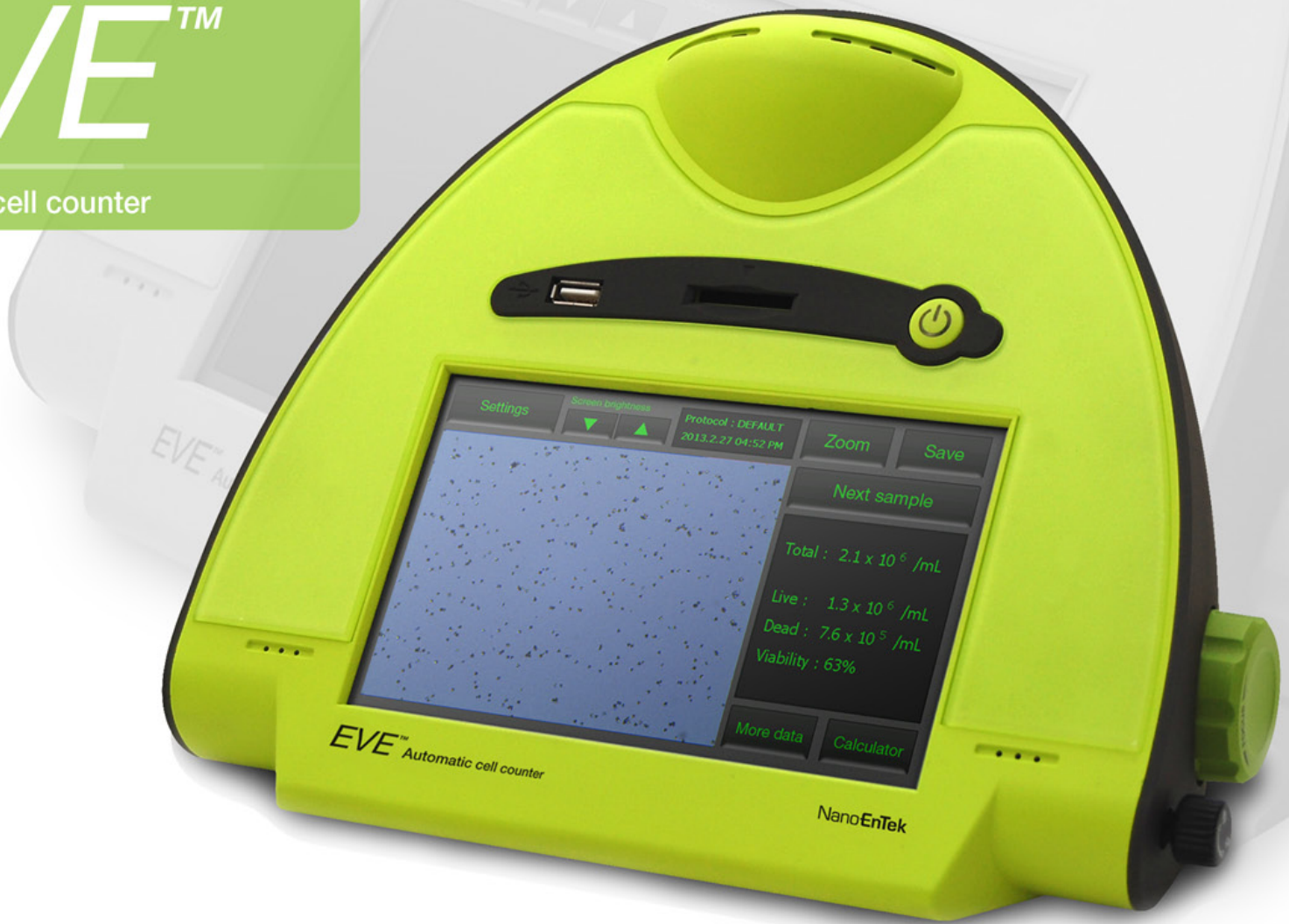


EVE™

Automatic cell counter



Counting with *EVE*, affordable automatic cell counting

Benchtop automatic cell counter, *EVE*!
No more manual counting!

EVE™

Automatic cell counter, with states-of-the-art optics provides image analysis for cell counting. The EVE™ is a benchtop size counter, designed to measure live, dead, and total counting, which gives us capability for viability with accuracy and precision.

Key features and benefits

Fine distinction of clumped cell

- An advanced analysis algorithm provides accurate results in clumped cell

Applicable for broad range of cell sizes and types

- From primary (tissue, blood) cell lines to stem cells

User friendly

- 7 inch LCD touch screen
- Benchtop size
- No maintenance needed

Data storage and analysis

- Stores 500 test results, transfers the data to PC using USB drive
- Provided PC software will give you more in-depth analysis

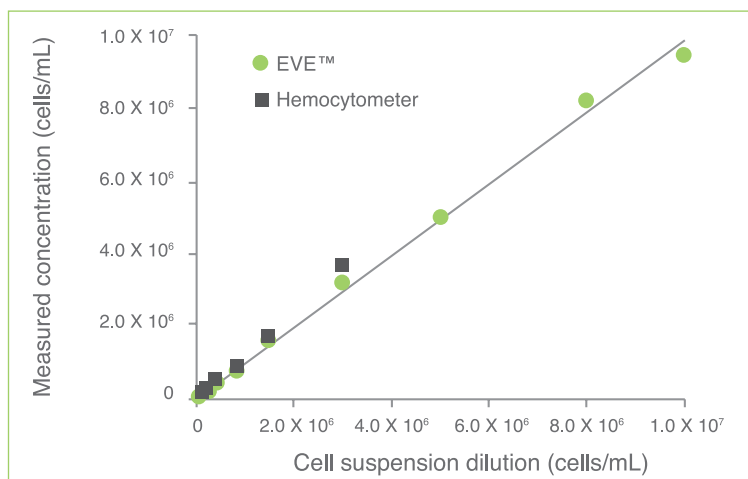
Cell size gating function

- Select range of cell size

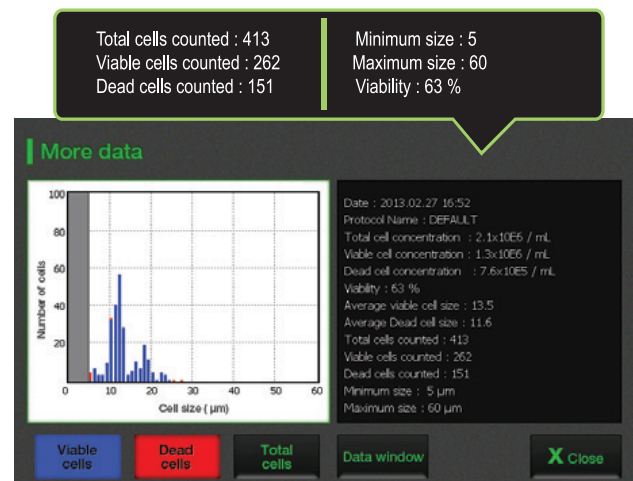
Convenient for use



Correlation of EVE™ and manual counting



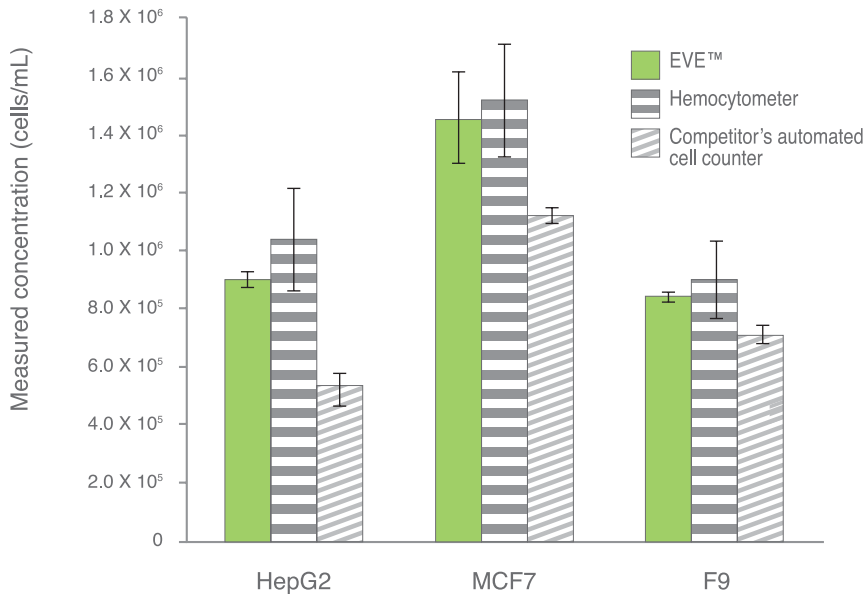
Measuring from the EVE™ extends further the high concentration range than hemocytometer readings



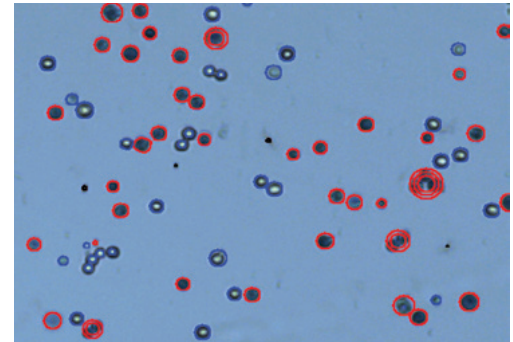
More data window to check the detail result and select the cell size gating

Faster ! Accurate ! Easy to use !

o Total cell counting result (Clumped cell)



The MCF7 breast cancer cell line can be clumpy. The EVE™ counting algorithm identifies and counts individual cells within these cell clumps for accurate analysis.



Clumped cells (HepG2, MCF7, F9) were counted with EVE™, a hemocytometer and the competitor's automated cell counter.

In accuracy and precision, EVE™ is comparable to the hemocytometer for all cell lines. The competitor's cell counter was shown significantly less numbers in clumped cell. Cell counting results were obtained seven times repetition.

o Cell lines validated on EVE™

Cell Type	Animal	Organ	Growth Properties
HeLa	Human	Skin	Adherent
NIH-3T3	Mouse	Embryo	Adherent
U-2 OS	Human	Bone	Adherent
Jurkat	Human	Blood	Suspension
KG-1	Human	Blood	Suspension
HepG2	Human	Liver	Adherent
Hep3B	Human	Liver	Adherent
LNCaP	Human	Prostate	Adherent
SH-SY5Y	Human	Brain	Adherent
SCN2.2	Rat	Brain	Adherent
F9	Mouse	Embryo	Adherent
MCF7	Human	Breast	Adherent
A549	Human	Lung	Adherent
GH3	Rat	Pituitary gland	Adherent

o Specifications

Item	Description
Counting time	< 20 seconds
Cell measurement range (cells/mL)	1 x 10 ⁵ - 1 x 10 ⁷
Optimal measurement range (cells/mL)	1 x 10 ⁵ - 4 x 10 ⁶
Cell size range	5 - 60 μm
Sample volume	10 μL
Staining Method	Trypan blue stain
Display	7" LCD touch screen
Exporter formats	JPEG (image), CSV(raw data)
Data export	USB drive
Dimensions	27 cm (w) x 20 cm (d) x 19 cm (h)
Weight	2.1 kg (4.6 lb)

o Ordering information

Cat. No.	Description	Contents
EVE-MC	EVE™ Automatic cell counter	Main device, Power supply, USB drive, EVE™ Cell counting slide (50 slides)
EVS-050	EVE™ Cell counting slide	50 slides (100 counts)
EVS-1000	EVE™ Cell counting slide	1,000 slides (2,000 counts)
EVS-5000	EVE™ Cell counting slide	5,000 slides (10,000 counts)
EBB-001	Test beads Concentration (avg.) 1.0 x 10 ⁶	1 mL

*EVE*TM