

# EVE™

## Automatic cell counter

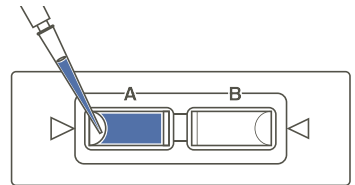


# EVE™, Automatic cell counter


Instructions for using EVE™, Automatic cell counter described below.  
For detailed instructions, refer to the manual supplied with EVE™ or  
download the manual from [www.nanoentek.com](http://www.nanoentek.com).

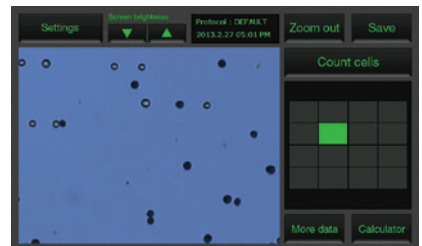
## 1. Load sample & insert Slide

- ▶ Put 10  $\mu$ L of your sample to 10  $\mu$ L of 0.4% trypan blue stain, and mix well.
- ▶ Load 10  $\mu$ L of the sample mixture on EVE™ Cell counting slide (side A) using pipette.
- ▶ Insert slide into the slide port of the instrument, sample side (side A) first.



## 2. Optimize image

- ▶ Press Zoom button and use the focus knob to adjust the image.  
 Check the reference image for correct analysis. (next page)
- ▶ Use the grid to navigate the slide and check the image in several fields.
- ▶ If desired, lock focusing using Focus lock knob.



## 3. Count cells

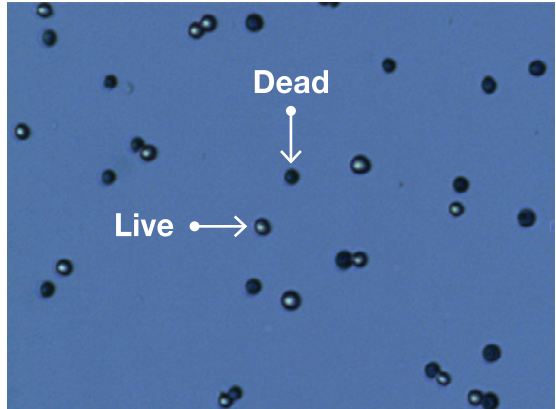
- ▶ Press Count cells button obtain the results.
- ▶ Record cell count.
- ▶ Press More data button to see data details as well as graphical representation of data.
- ▶ To read the second side of slide (slide B), remove and turn around the slide, and repeat the 1 ~ 3 procedures with side B.



## The reference images for correct analysis

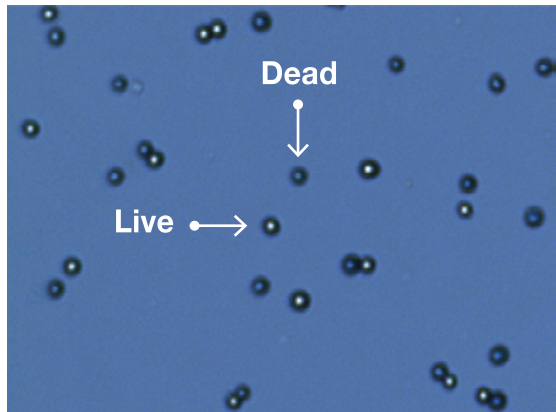
### <Correct image>

Live cells have bright centers and dark edges.



### <Incorrect image 1>

Dead cells have bright, blue centers are counted as live.



### <Incorrect image 2>

Live cells have dark centers and are counted as dead.



# **EVE<sup>TM</sup>** *Automatic cell counter*

Nano**En**Tek

NESMQ-EVE-001E (V.0.0)

[website](http://www.nanoentek.com) [www.nanoentek.com](http://www.nanoentek.com)

[e-mail](mailto:sales@nanoentek.com) [sales@nanoentek.com](mailto:sales@nanoentek.com)

**NanoEnTek Inc.**

12F, Ace High-end Tower, 235-2, Guro3-dong,  
Guro-gu, Seoul, 152-740, Korea  
Tel : +82-2-6220-7913  
Fax : +82-2-6220-7721

**NanoEnTek USA Inc.**

5627 Stoneridge Drive Suite 304, Pleasanton,  
CA 94588, USA  
Tel : +1-925-225-0108, +1-888-988-0108(Toll free)  
Fax : +1-925-225-0109