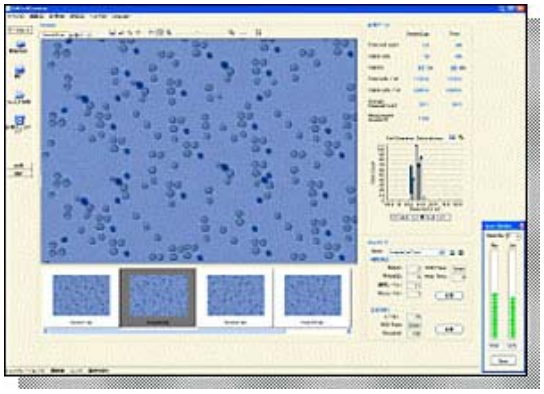
Cell Vital Analyzer System

D/A Cell Counter

D/A Cell Counter has been discontinued.

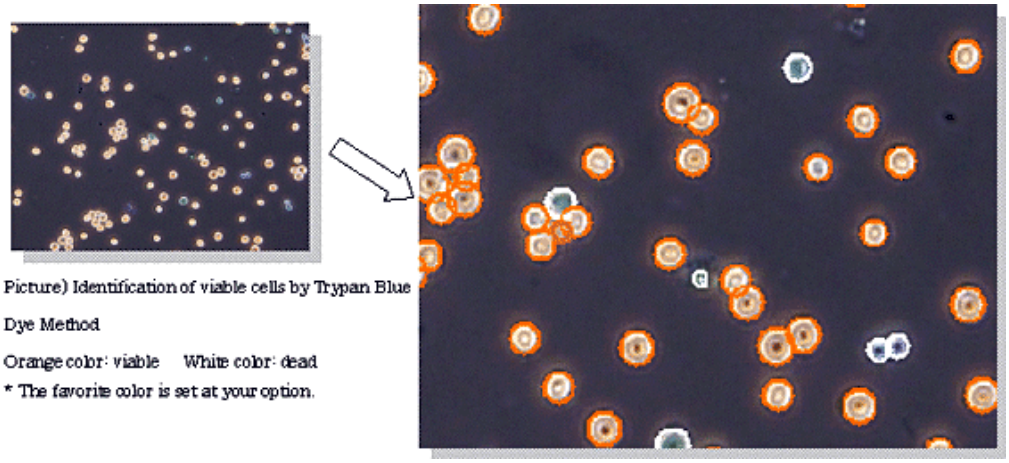
IGH RELIANCE,
-- USER-INDEPENDENT !!

YOUR COUNTING IS NO LONGER REQUIRED WHILE YOU ARE LOOKING INTO MICROSCOPE.



D/A Cell Counter incorporates an automatic microscopic observation system in which the hemacytometer is mounted in accordance with Trypan Blue or Methylene Blue Dye Method. The image analysis technology enables the measured data of viability rate to be saved automatically.

TAE-OF-THE-ART IMAGE PROCESSING MESAUREMENT TECHNOLOGY
(ABLE TO VIEW DISTINCT CELLS EVEN WHEN OVERLAPPED.)



Picture) Identification of viable cells by Trypan Blue Dye Method

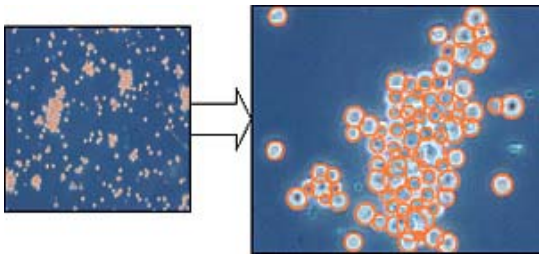
Orange color: viable White color: dead

* The favorite color is set at your option.

■ Features

Individual cells can be counted in cell aggregates by circle separation method

The total cell quantity in cell aggregates can be counted by the calculation that an average area of single cell divides the total surface of all cell aggregates until now. This circle separation method installed in D/A Cell Counter is able to count each cell in the overlap area of cells, and then you can inspect whether there is a correlation between two results from this counter and the visual sight observation. (* The circle separation method applies a cell recognition algorithms that is based on the outline model, and is enabled to identify each cell in cell aggregates that normal2-bit image processing method was unable to identify.)

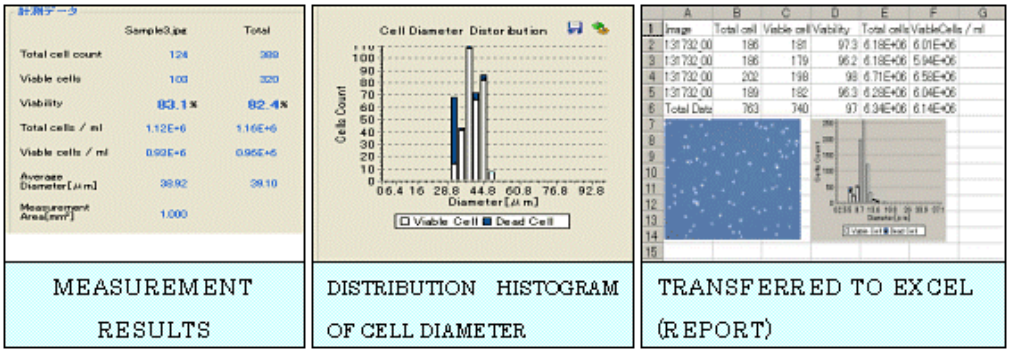


Easy adjustment of cell type and viability level

Although it has taken much time to analyze the image when you extract the cells and determine whether cells are dead or viable until now, at present it can be easily set by adjusting the level bar as you are observing the image. Moreover this setting condition can be saved with the cell type so that you do not need to repeat the same measurement every time.

Able to save measurement results and data of viability cell percent at any time, then transferable into Excel with one click for the report

Usually only operator has confirmed the measurement results, and submitted the results in the form of hand-written memo. D/A Cell Counter can save the results as cell images. You can easily create a report because both results and images are transferred to Excel sheet in one click.

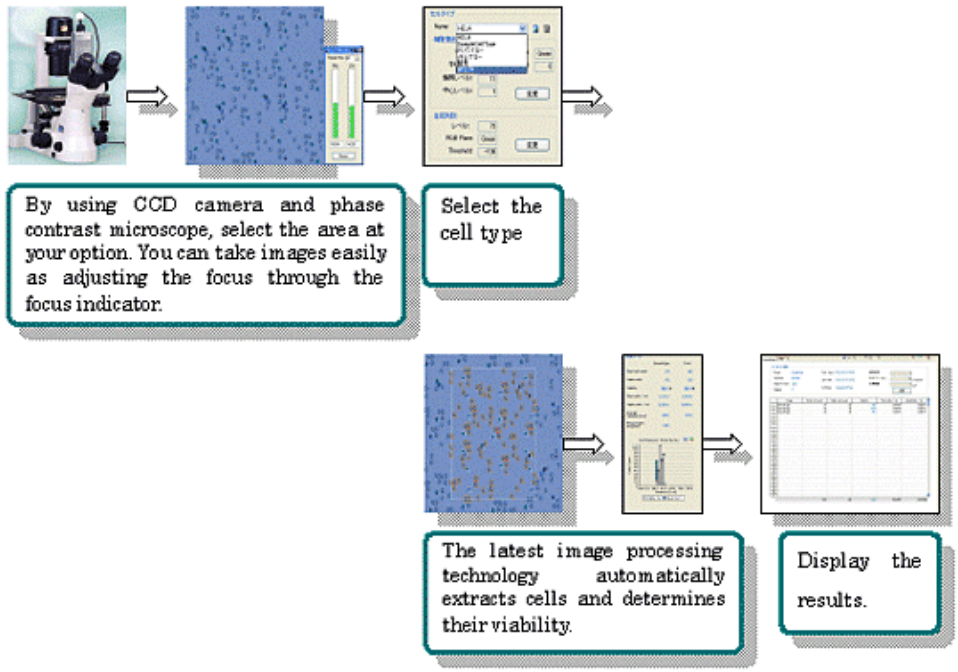


■ Economy&Exact

Increasing working efficiency & decreasing errors

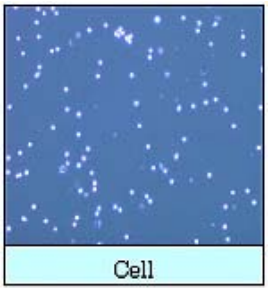
Mounting the CCD camera in your current manner using phase contrast trinocular microscope, you can take measurement data by using the latest image processing technology.

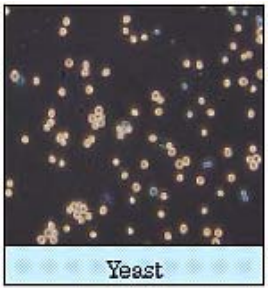
Measurement example) Determination either viable or dead cell by Trypan Blue Die Method

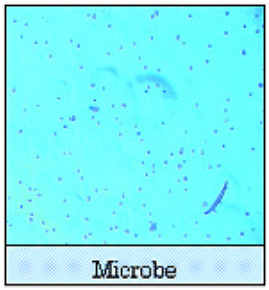


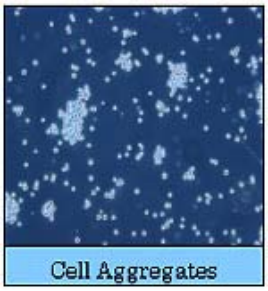
■ Application

Measurement Examples









■ Item Code

Main body	721410	DA Cell Counter for Note PC	1 set
Main body	721411	DA Cell Counter for Desktop PC	1 set
Hemacytometer	721481	Hemacytometer (No glid, 0.1mm depth)	1 pc