

## Taking confluency to a new level

# Millicell® DCI Digital Cell Imager

Measure and assess your cell cultures with ease. The Millicell® DCI Digital Cell Imager provides quick, objective determination of common cell culture parameters including confluency, cell count, and morphology. Save time and conserve precious culture sample with in-vessel measurement. Track and record cell culture data using streamlined data management web tools. Analyze cell growth trends with instant access to historical data for more consistent cell cultures.



## Cell monitoring, evolved

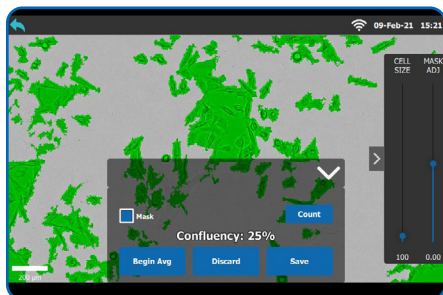
- Objective confluency measurements and estimated cell counts
- Faster analysis
- Reduced user bias
- Hemocytometer or in-vessel measurement
- Adherent cell, spheroid, and organoid cultures
- Individual user profiles with customizable settings
- Convenient, web-based cloud service for data storage and retrieval of archival data and images

## No more clicking

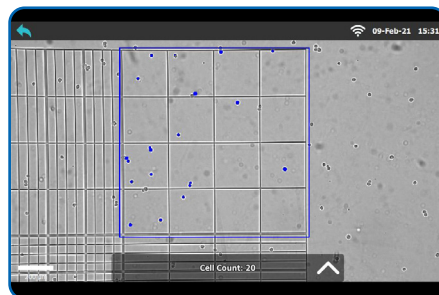
Tired of using a hand counter to tally cells? The Millicell® DCI Digital Cell Imager streamlines execution of the repetitive, daily techniques associated with cell passaging. Quickly estimate cell count and calculate cell density using the automated image analysis software.



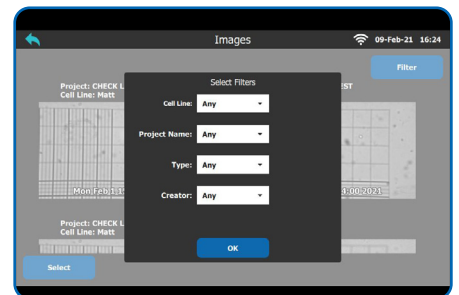
## Intuitive interface to accelerate analysis



Slide bars allow you to quickly adjust **measurements** based on cell size and mask area



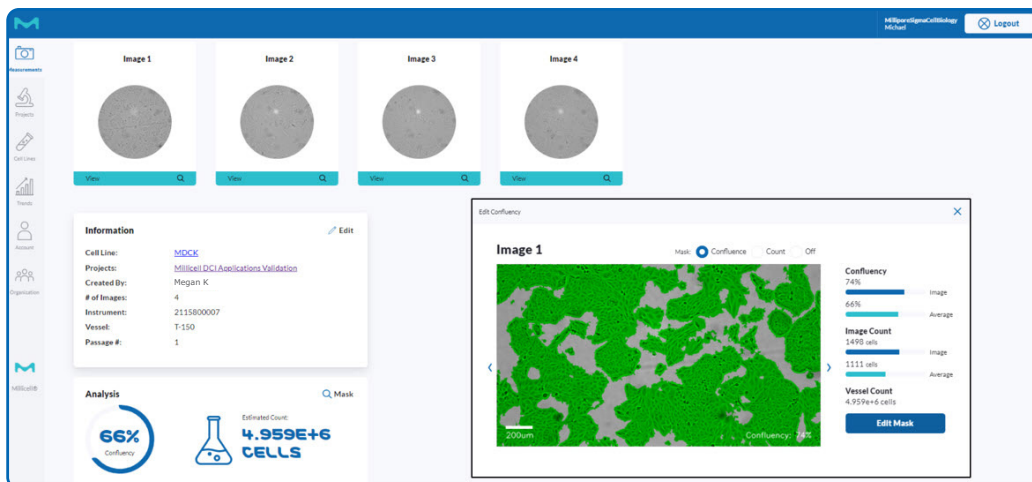
An automatic grid finder can be used for hemocytometer-based measurements



Annotate and organize your projects to quickly find and sort data later

## Cloud-enhanced capability

Images are automatically transferred from the instrument to the cloud via Wi-Fi®. Data can then be sorted, viewed, and re-analyzed using our web-based application.



A culture of MDCK cells was measured directly in a T-150 flask using the Millicell® DCI. From Image 1, confluency was determined to be 74% with 1,498 cells in the field of view. Using the average of four separate images, the culture was determined to be 66% confluent with an estimated total cell count of  $4.959 \times 10^6$  cells.

The web-based application allows for convenient downstream analysis as well as archiving of data and images for greater access. This cloud software subscription service can be used to expand capability, save costs, and support redundancy for data backup and protection.

Expand your lab's cell culturing capacity with the Millicell® DCI.



## Product and ordering information

| Product Description  | Cat. No.     |
|--|--------------|
| Millicell® DCI Digital Cell Imager                             | MDCI10000    |
| <b>Includes:</b>   |              |
| Millicell® DCI Device  |              |
| Millicell® DCI Wi-Fi® USB Dongle                               |              |
| Millicell® DCI Power Cord                                      |              |
| <b>Replacement Accessories</b>                                 |              |
| Millicell® DCI Wi-Fi® USB Dongle                               | MDCI1USBDO1  |
| Millicell® DCI Power Supply                                    | MDCI1PWRSUP  |
| <b>Cloud Software Subscription</b>                             |              |
| Free Trial   | MDCI1TRIAL   |
| Annual Subscription  | MDCI1T1YR    |
| Lifetime License   | MDCI1T1LIF   |
| <b>Related Products</b>  |              |
| Millicell® Disposable Hemocytometers, two-channel, pack of 50  | MDH-2N1-50PK |
| Millicell® Disposable Hemocytometers, four-channel, pack of 50 | MDH-4N1-50PK |
| Scepter™ 3.0 Handheld Automated Cell Counter                   | PHCC340KIT   |

