

## x.sight series



c.sight



f.sight



b.sight





# c.sight™

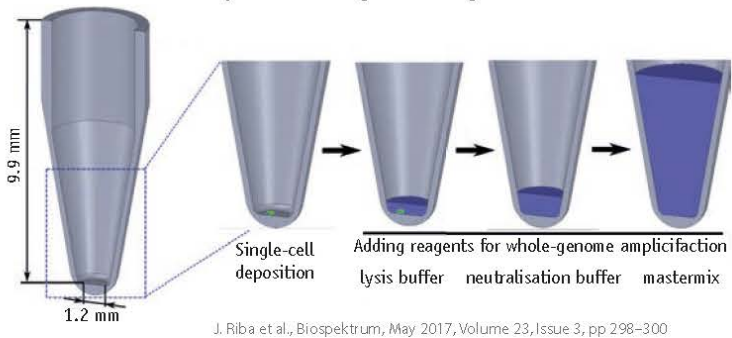


Our proven and reliable single-cell printing technology in a new guise with an all new software. More compact and faster.

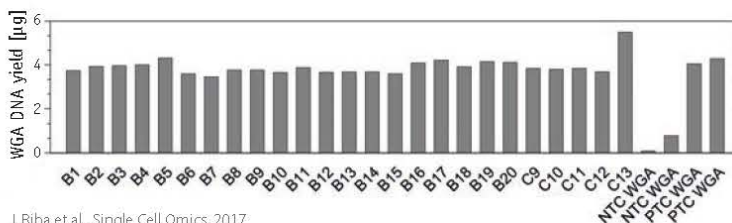
- Assurance of clonality by nozzle images
- High cell viability
- No cross-contamination (disposables)
- Easy to use

We have tailored the c.sight to meet the specific requirements of both, cell line development and single-cell genomics. High efficiencies, fast plate processing, reliable image and data storage and assurance of clonality!

The embedded ionizer efficiently removes electrostatic charge from your 96 or 384 (PCR) well plates. The fully automatic drop positioning ensures that every cell is deposited with millimeter precision. This enables minimal quantities of pre-stored medium, which is ideal for low-volume assays and single-cell genomics.



As negative template controls empty droplets can be printed enabling detection of possible free-floating DNA. We demonstrated at least 4-fold (routinely) and up to a 20-fold reduction of WGA reagents.

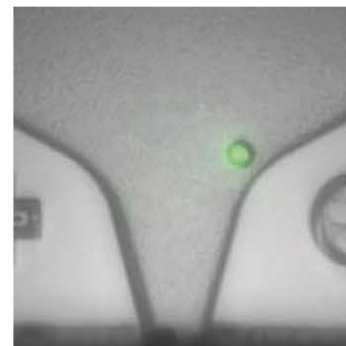


# f.sight™



Meet our new flagship! The f.sight™ prints unlabeled and fluorescent cells with the highest efficiency. The novel dual camera system allows you to capture bright field and fluorescence information simultaneously at full resolution.

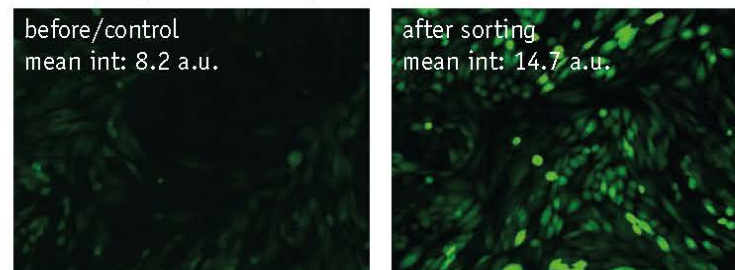
Both cameras can be controlled independently and the built-in powerful laser is freely adjustable. Together, their high dynamic range allows you to visualize even the weakest fluorophores. Sort cells by fluorescence intensity and morphological criteria into a variety of substrates.



Full-resolution bright field and fluorescence images plus an overlay image are all recorded and saved for future analysis.

Use your standard dyes like FITC, Calcein, CellTracker Green, GFP and others. Thanks to the non-transparent flap, your dyes and cells are ideally protected from ambient light during the process.

Application example: CHO-GFP intensity increase achieved with two rounds of high intensity selection, demonstrating selection of fluorescent cells by highest intensity.



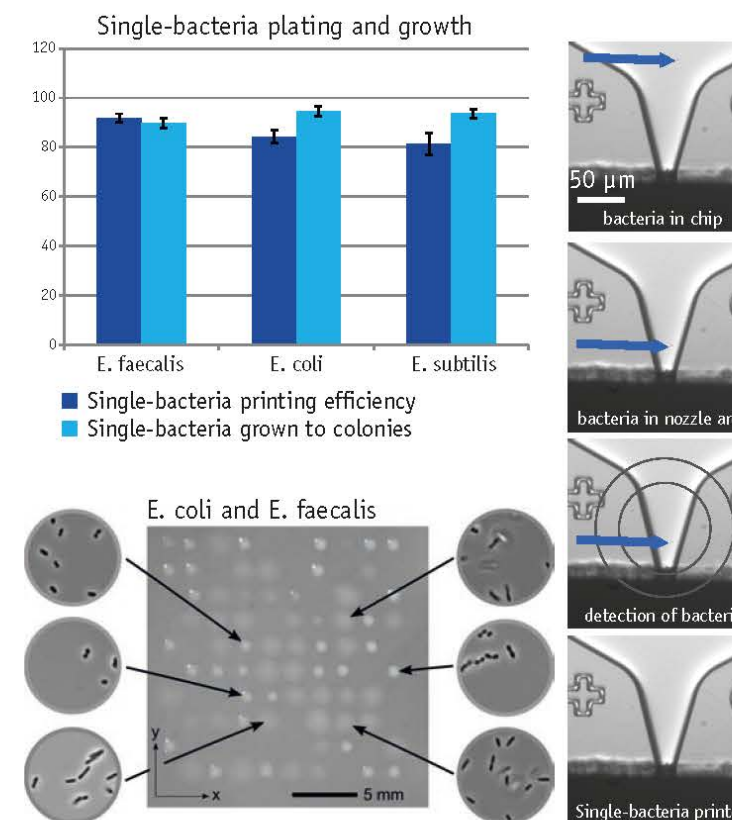
# b.sight™



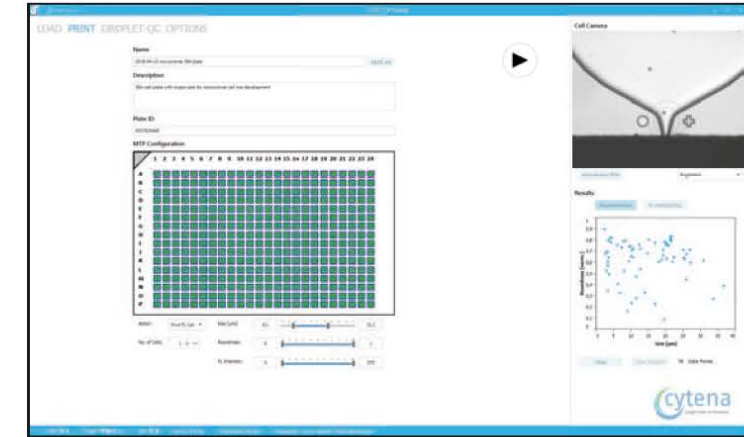
Small, smaller, smallest. For the first time, print bacteria using proven single-cell printing technology. We enable prokaryotic cell isolation in the sub-micron range.

The extremely high-resolution optics with inline illumination makes the smallest cells visible. No staining and no labeling required. Isolate cells with a diameter of only 0.3 µm.

A new dimension of cells also requires a new dimension of dosing chips. With our new cartridges for bacteria printing, even smaller droplets are produced for stable and accurate bacteria encapsulation.



# New software



Our brand new software is easy and intuitive to use. The interactive well-plate allows you to freely define your cell or bacteria printing experiment and visualize in real-time how cells or bacteria are sorted using the disposable cartridge. Save and load templates directly from the start screen, so running your experiment is simply one click away.

For assurance of clonality the image sequence is assigned to the well of the specific cell or bacteria and stored on the hard-drive.

# Technology

