

Techno Bite:



Imaging in the era of COVID-19 – how to work smarter with the ImageXpress Pico

Molecular Devices

As cell imaging is a crucial tool for the advancement of scientific research, it is important to decide on the right imager to meet your requirements, to work smarter and easily obtain the results you need. The COVID-19 outbreak made us realize how important it is to work remotely and with the ImageXpress Pico System you can accelerate your research whilst minimizing your time in the lab.

We invite you to meet the ImageXpress Pico Automated Cell Imaging System by Molecular Devices, a ready-to-go-solution which combines high-resolution imaging with simple but powerful analysis. Whether running fluorescence imaging or brightfield assays, the ImageXpress Pico features comprehensive preconfigured protocols to shorten the learning curve, so you can start running experiments quickly.

With the icon-driven, user-friendly CellReporterXpress® Image Acquisition and Analysis Software, you can capture and analyze images with minimal training on a multitude of assays including viral studies, apoptosis, mitochondrial evaluation, 3D cell models, live cell/ time-lapse, and neurite tracing.

The browser-based software allows you to control the system remotely, minimizing your time in front of the instrument. You can safely go back to your desk to optimize the acquisition settings or work on your data analysis. There is no need to export your images since you have access to your data anywhere and anytime. With a few clicks you can use an array of visualization tools to easily share and discuss your results: heatmap, tables, data view, scatter plots; all with drill-down to the images for data verification.

Thanks to its remote-control capability, the ImageXpress Pico is also an ideal tool for Biosafety level labs which require more stringent control measures.

You only need to be in front of this imager to add your sample. Is this still too much? The ImageXpress Pico can also be integrated with a robotic automation solution to handle multiple plate acquisitions while you work on something else.

The system's lab-friendly price allows researchers to afford the convenience of automated imaging and analysis on their lab bench. With options like environmental control, Digital Confocal 2D on-the-fly deconvolution, z-stack acquisition or robotic automation, the system can be configured to meet your research needs.