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ASIA EDITION

BD launches landmark cell analyser featuring breakthrough technologies

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Bringing leading-edge capabilities to wider range of scientists across academia and biopharma



BD (Becton, Dickinson and Company), a US-based medical technology company, has announced the global commercial launch of the world's first cell analyser featuring breakthrough spectral and real-time cell imaging technologies, enabling more researchers across a wider range of applications to uncover deeper insights and dynamics from cells once invisible in flow cytometry experiments – with increased ease and throughput.

BD SpectralFX Technology maximises the number of colors that can be used in flow cytometry, allowing scientists to analyze up to 50 or more characteristics of a single cell at one time, with optimal resolution and sensitivity, which is ideal for scientists pursuing novel biomarker discovery.

BD CellView Image Technology enables high-speed fluorescent and label-free imaging of single cells, revealing precise spatial and morphological insights – like the location of a virus or protein within a single cell, or the microscopic interaction between two cells – that can be visually confirmed and analyzed in real time.

Combining these technologies, which were first introduced in the BD FACSDiscover S8 Cell Sorter and profiled on the cover of the journal *Science,* the BD FACSDiscover A8 Cell Analyser enables scientists to capture more insights per experiment than ever, with exceptional depth, speed and sensitivity.

New software innovations launching alongside the instrument include the latest version of BD FACSChorus Software, which simplifies workflows on both the BD FACSDiscover A8 Cell Analyser as well as FACSDiscover S8 Cell Sorter, and the faster, easier-to-use analysis software FlowJo v11.