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Thermo Fisher launches Big Foot cell sorter in India

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First-of-its-kind cell sorting technology that supports researchers advancing new therapies



Thermo Fisher Scientific has announced the launch of the Bigfoot Spectral Cell Sorter in India. The first-of-its-kind cell sorting technology provides easy to use, high-speed cell sorting by complimenting conventional with spectral sorting and analysis.

Cell sorting enables scientists to isolate live, homogenous cell populations to answer critical questions regarding cellular changes that take place under certain conditions, stem cell differentiation, and cellular response to drugs. These insights are useful in genome editing, vaccine studies, drug and toxicity screening, and cell and gene therapy development, among other applications.

The Bigfoot Spectral Cell Sorter is designed to address challenges faced by researchers. The instrument accelerates sorting up to ten times faster than competitors. The Sorter can be configured with up to nine lasers and 60 detectors, providing adaptability for both standard fluorescence detection and spectral unmixing. A custom-designed, built-in safety enclosure and an aerosol management system (AMS) provide safety and protection in a compact footprint.

“Growing interest in areas of immuno-oncology, purification of engineered microbes and vaccine development has increased demand for cytometry analysis and sorting techniques with greater multiplexing capabilities. The Bigfoot Spectral Cell Sorter addresses researchers’ need to gain deeper biological insights and advance their work in the development of new therapies”, said Amit Chopra, Managing Director, India and South Asia, Thermo Fisher Scientific.

Thermo Fisher acquired cell sorting technology assets from Propel Labs, a wholly-owned subsidiary of SIDIS Corp, in 2021.