

## CLINICAL / Research

### **BD FACSCanto II™**

The BD FACSCanto™ family of benchtop analyzers features reliable performance and accurate results for experiments requiring up to 10 parameters.

The BD FACSCanto II fluidics system is designed to streamline work, save time, and improve performance. In the fluidics system, the sample travels up the sample injection tube, and hydrodynamic focusing within the flow cell forces particles into a single-file stream where laser light intercepts the stream at the sample interrogation point. The unique flow cell design permits particles to flow through the center of the flow cell. Increasing the sample pressure increases the core diameter and the flow rate.

The BD FACSCanto II is designed to address the needs of today's busy clinical lab. It provides a high degree of automation and quality control to reduce hands-on time for technicians and improve reliability of results. The BD FACS™ Loader features single-tube instrument setup and testing as well as walkaway sample introduction to help operators rapidly adopt routine clinical applications freeing technician time for more important activities. To further simplify operation, BD FACSCanto™ clinical software automates setup, compensation analysis, and quality control for predefined clinical applications.

For the research lab, the BD FACSCanto II system has the versatility to meet demanding research requirements. Sample introduction can be accomplished in a single tube or via the BD™ High Throughput Sampler (HTS),\* a microtiter plate loader well suited for 96- and 384-well plates that can accommodate high throughput research applications. BD FACSDiva™ software efficiently controls the setup, acquisition, and analysis of flow cytometry data.

The BD FACSCanto II is supported by a broad portfolio of reagents. A full complement of highly qualified BD technical and application support personnel is available to help streamline work and maintain optimal instrument performance.