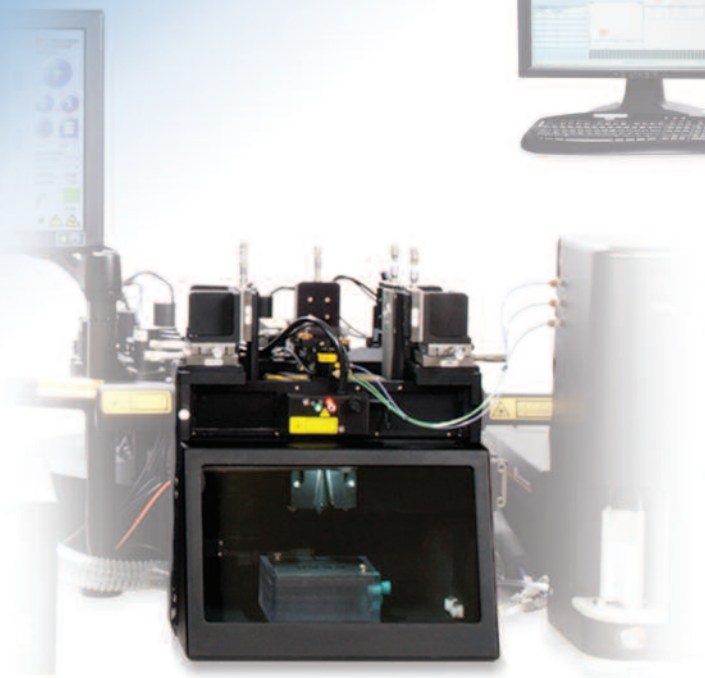
Power and flexibility for a fully integrated, automated sort.

MoFlo™ XDP 4WAY™ Sort



The patented 4WAY Sort system is standard on the MoFlo XDP high-performance cell sorter.

Researchers can sort more subsets faster and with higher viability, maximizing the sample's purity and increasing productivity in your lab.

MoFlo XDP 4WAY Sort

Based on unlimited Boolean gate logic, the patented 4WAY Sort system enables operators to define up to four unique populations of interest (Figure 1).

- Increase productivity and save precious sample volume with simultaneous sorting of four populations.
- Accommodate a variety of standard tube sizes and cuvettes.
- Manipulate charging for optimal droplet separation and maximum purity.
- Routinely switch between 2WAY and 4WAY sorting modes.
- 4WAY Sort rates are not compromised by increased complexity of boolean gating logic.

Figure 1

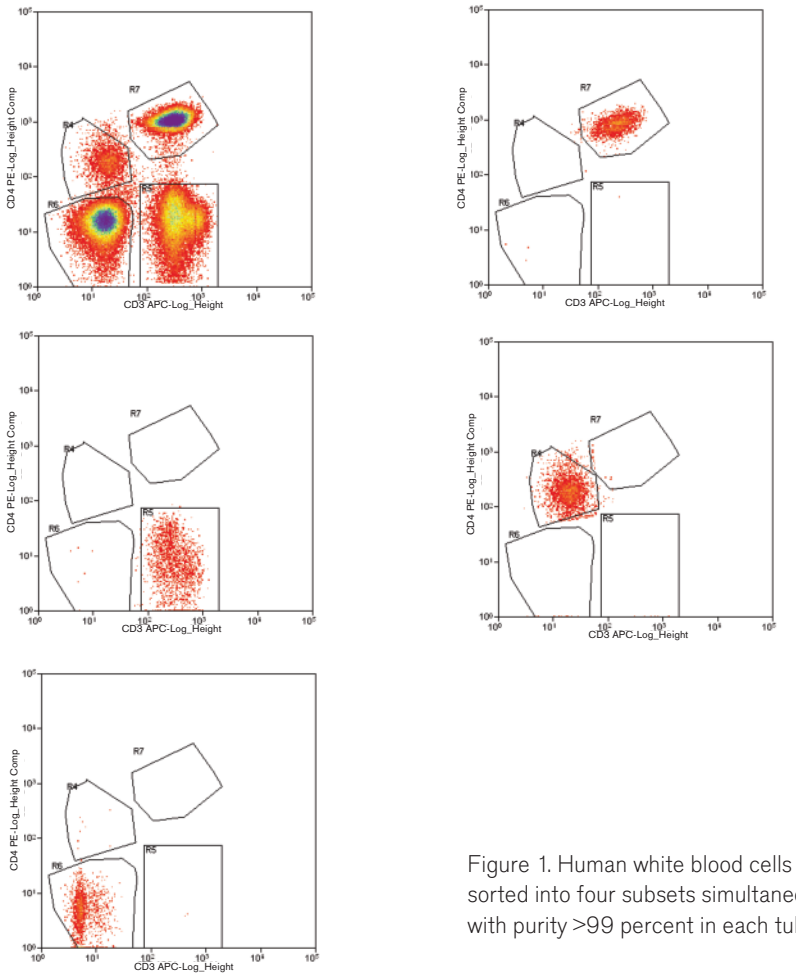


Figure 1. Human white blood cells were sorted into four subsets simultaneously with purity >99 percent in each tube.

4Way Sort Specifications

Collection Tube Sizes	1.5 mL, 5 mL, 7 mL
Maximum Cells per Second	70,000
Maximum Droplet Formation Rate	200,000 drops per second
Instrument Compatibility	SmartSampler, IntelliSort

For Research Use Only. Not for use in diagnostic procedures.
U.S. patent no. 5,483,469 Multiple Sort Flow Cytometer January 9, 1996.

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