

BD FACS Canto Flow Cytometer

Manufacturer: Becton Dickinson

SKU#: 8044-30-1003

- Two lasers for 6-colour analysis
- Cellular metabolism studies
- DNA analysis/ploidy/karyotyping
- Cytotoxicity studies



Product Description

The FACS Canto Flow Cytometer has two lasers an air cooled 20mW solid state blue laser which excites at 488nm. The other is a 17mW HeNe red laser which excites at 633nm which allows for 6-colour analysis. Currently the FACS Canto Flow Cytometer can detect the following blue laser fluorescent dyes: FITC (525nm) PE (575nm) PerCP (678nm) or PerCP-Cy5.5 (695nm) and PE-Cy7(785nm). The red laser dyes the FACS Canto Flow Cytometer can detect are APC (660nm) and APC-Cy7 (785nm). Together with 2 light scatter detectors this cytometer is the latest cutting edge technology that makes 8-parameter analysis a breeze. Cellular metabolism studies: including changes in intracellular calcium levels cellular pH and changes in membrane potential DNA analysis/ploidy/karyotyping: Studies of changes in DNA/RNA levels using DNA-binding dyes such as Ethidium bromide. Cytotoxicity studies: including studies of Natural killer cell activity and Cytotoxic T lymphocyte (CTL) activity.

BD FACS Canto Flow Cytometer Specification

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