

[Open Peer Review on Qeios](#)

Flow Cytometer

National Cancer Institute

Source

National Cancer Institute. *Flow Cytometer*. NCI Thesaurus. Code C78806.

An instrument that is able to count and sort microscopic particles suspended in a buffer. This complex instrument consists of a flow cell, at least one lamp or laser, a variable number of emission detectors or photomultipliers, a system that converts analog signals to digital, and a computer to run the system and collect and analyze the data output.