



BD FACSAria™ virtual class

Flow Cytometry System

Course description

This virtual FACSAria Class offers a program to learn the day-to-day operation of instruments from the BD FACSAria™ cell sorter family. Staying in your facility, using your instrument, up to two members of your laboratory will be remotely connected to one trainer.

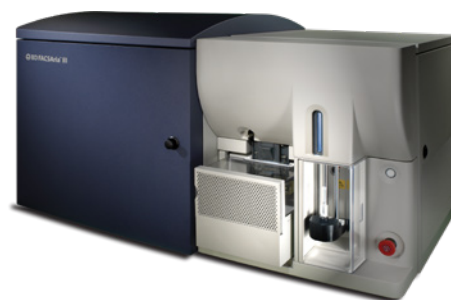
Safely supervised by your instructor, you will learn how to perform the quality control and the standard maintenance procedures of the instrument. You will sort into tubes and plates, including index sorting. Practical sessions on the instrument will alternate with real time presentations, videos, discussion and self-paced practice. With this approach, each class can be tailored so that the schedule, but also content, is adapted to the needs of the facility.

Who should attend

Users who are limited in their possibilities to travel but want to learn how to operate and maintain the BD FACSAria independently.

Prerequisites

A basic understanding of the BD FACSDiva™ acquisition and analysis software is helpful. As an option, for customers who have no experience with the software, we offer a separate 2-hours BD FACSDiva introduction virtual class.



Technology requirements

- Your instrument's computer and an additional laptop are required, both need to have a stable internet connection.
- The BD FACSAria of your facility must be available during 4 days for 2-3 hours a day.

A call with the instructor will be scheduled the week before to check the connection and define the schedule.

What you will learn

After completing this course, you will be able to:

- Understand the general principles of flow cytometry and sorting.
- Use the BD FACSDiva acquisition and analysis software.
- Operate and maintain the BD FACSAria II, III or the BD FACSAria Fusion including its biosafety cabinet.
- Sort into tubes and multi-well plates, including index sorting.

BD FACSAria virtual class schedule

This is an example of a schedule which can be adapted to your lab activity.

Day	Session	Objectives	Instrument operating time
1	The BD FACSDiva software, Safety, maintenance and Quality Control.	Interface, workflow and functionalities. Safety measures. Cleaning and maintenance procedures.	
2	Instrument setup, Quality Control, and instrument operation. Sorting Theory and Gating Strategies.	AM: BD FACSAria operation. Setup of sort-experiments. PM: Theory of sorting. The setup of sort-experiments.	3 hrs
3	Tube sorting using the BD FACSAria.	AM: Tube-sorting. PM: Discussion and time for self-paced practice.	3 hrs
4	Time for self-paced practice.	Repeat and become familiar with all procedures you have learned until now.	2-3 hrs
5	Plate and Index Sorting.	AM: Theory and setup of the BD FACSAria for plate and index sorting. PM: Plate and index sorting	2-3 hrs

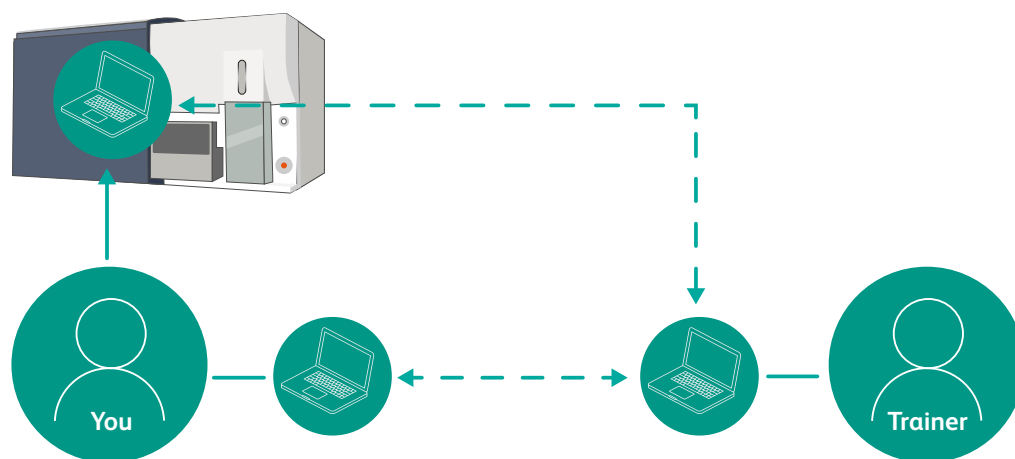
Virtual classroom setup



Help Lightning™ is a merged reality tool. Using a mobile device (preferably a tablet) with internet connection you can share your reality with your instructor who can then point and drawn on your reality to assist you in operating the cytometer



BeyondTrust™ allows the instructors to establish secure remote access to your instrument computer so they can guide you in using the software.



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