

1. THE FACSJAZZ INSTRUMENT AVAILABLE at IFC

In the configuration available at IFC (*laser blu 488nm + laser yellow-green 561nm*; 2-4 color configuration #655490-10), the FACSjazz allows to:

1. detect up to 6 colors simultaneously and 2 physical parameters;
2. collect sorted cells not only using standard 15/50ml collection tubes, but also in plates (6/24/96/384 wells), which might be a plus in case of particularly sensitive cell types;
3. perform the so called "*index sorting*", which means that the identity of the cells seeded in different wells can be traced back;
4. subject to sorting cells of different origin (human, mouse, zebrafish, yeast and so on) and still keeping the risk of contamination under control. This is because inside the FACSjazz the biological sample enters in contact exclusively with disposable parts flow senza dover temere cross-contaminazioni. Questo perché all'interno del FACSjazz il campione biologico non entra in contatto con parti che non possono essere cambiate; d'altro canto, tutte le parti che invece entrano a contatto con il campione possono essere sostituite.