

Flow Cytometer Comparison Table

| Manufacturer | Model | Lasers | Fluorescence Channels | Parameters | Throughput | Special Feature | Typical Use |
|-----------------|----------------|---------------|-----------------------|------------|------------|-----------------------------------|---------------------|
| Beckman Coulter | CytoFLEX | 1–3 (up to 6) | Up to 13 | Up to 15 | High | High sensitivity, modular upgrade | Research |
| Beckman Coulter | Navios | 3 | 10 | ~12 | Medium | Clinical IVD | Clinical labs |
| Beckman Coulter | Gallios | 3 | 10 | ~12 | High | Research multicolor | Research |
| Beckman Coulter | FC-500 | 1–2 | 5 | ~7 | Medium | Clinical | Clinical labs |
| BD | FACSLyric | 3 | 12 | ~14 | Medium | Clinical automation | Clinical labs |
| BD | FACSCanto II | 2–3 | 6–8 | ~10 | Medium | Widely used | Clinical + Research |
| BD | FACSCalibur | 2 | 4 | ~6 | Low | Legacy system | Basic labs |
| BD | FACSVerse | 1–3 | 4–8 | ~10 | Medium | Flexible configs | Clinical + Research |
| BD | Accuri C6 Plus | 2 | 4 | ~6 | Medium | Easy to use | Basic research |
| Thermo Fisher | Attune NxT | 1–4 | Up to 14 | ~16 | Very High | Acoustic focusing | High throughput |
| Sysmex | CyFlow Cube 6 | 2–3 | Up to 6 | ~8 | Medium | True volumetric counting | Clinical |
| Sysmex | CyFlow Space | 3 | Up to 13 | ~15 | High | Modular system | Research |
| Mindray | BriCyte E6 | 3 | 6 | ~8 | Medium | Cost-effective | Clinical |