

RWD

Fluorescent cell counter

C200FL



RWD Fluorescent Cell Counter C200FL is a cell analysis system that combines intelligent image recognition and advanced optical imaging technology to achieve precise cell counting. Its proprietary intelligent algorithms effectively identify live and dead cells, enabling rapid imaging and accurate cell counting in just 5 seconds. The app-style counting program can be called with one click, automatically loading samples and performing cell counting. Information such as cell count, viability, agglomeration rate, growth curves can be exported after counting.

The data management and control capabilities of the C200FL software system fully comply with FDA 21 CFR Part 11, making it suitable for cell analysis in areas such as cell therapy, biopharma, immunology, vaccine development, oncology research, stem cells, and metabolism studies.

Features



More precise, more stable

- ✔ Without focusing and the imaging is clearer
- ✔ Preset parameters can be used directly without manual operation
- ✔ Intelligently cell marks for precise cell recognition
- ✔ Low autofluorescence and high-transmit filter enable clear imaging



Smarter and more efficient

- ✔ APP style program, one click counting
- ✔ 6-channel counting slide, automatic sampling
- ✔ Optional 1-3 counting area, 5s/sample
- ✔ 500G storage, one click export multiple formats of data



Safer and easier to use

- ✔ FDA 21 CFR Part 11 compliance
- ✔ Multiple built-in help interfaces, easy to use
- ✔ Compact size fits into different placements

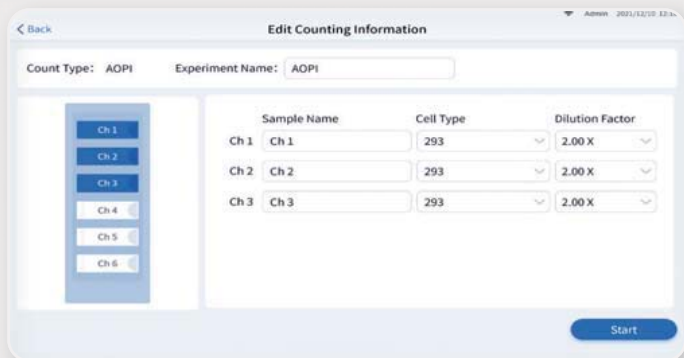
Product Interface



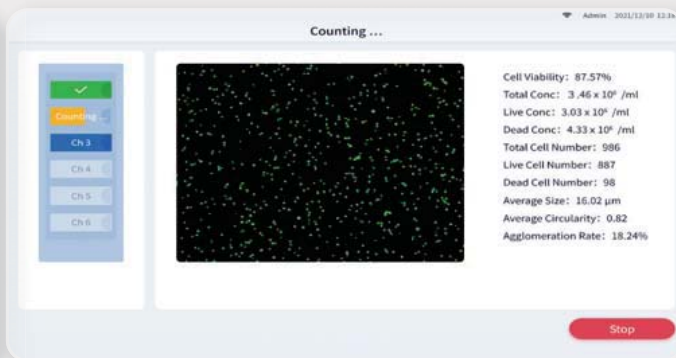
- APP style program, one click counting



- APPs can be managed in group

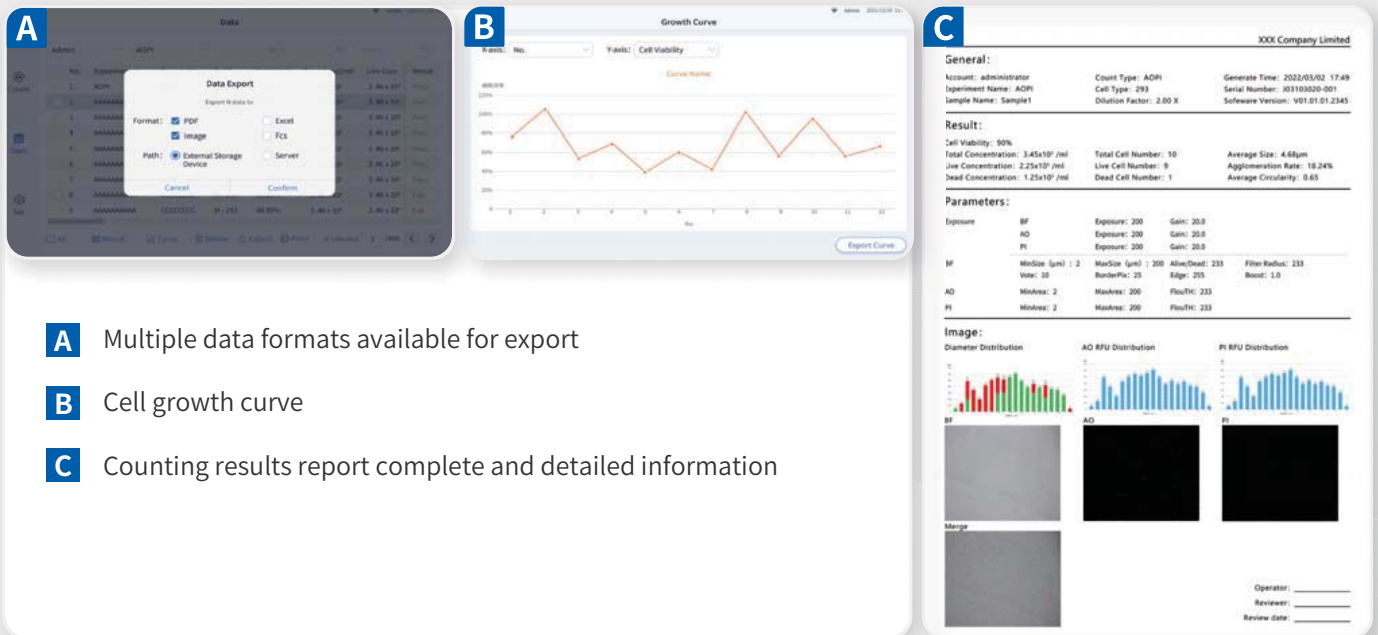


- 6-channel automatic sampling

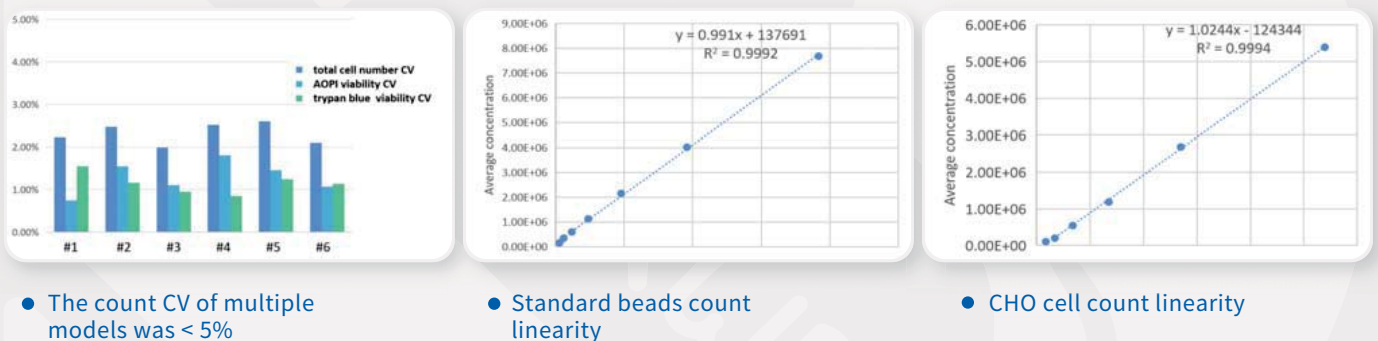


- Real time display of counting results

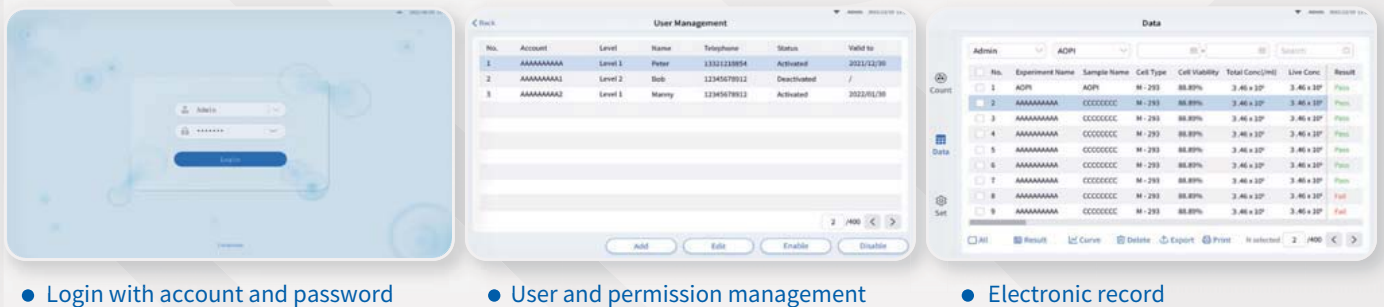
Result



High accuracy & repeatability



FDA 21 CFR Part11 compliance

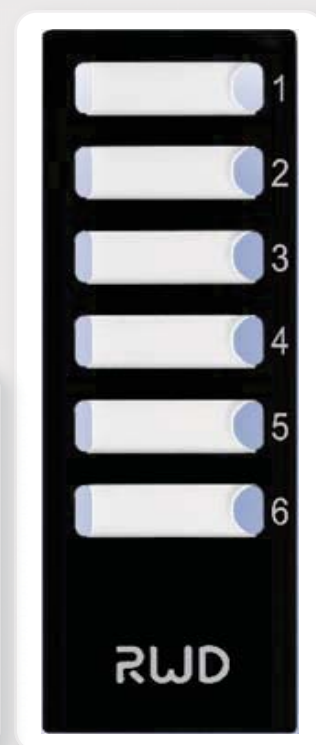


Consumables

6-channel disposable counting slide for C200FL counter

- One-piece cover plate, no cover glass required
- Disposable consumables, no manual cleaning
- Disposable design to avoid biological safety hazards
- Separate and easy-to use packaging

| | |
|-----------------------|--------------------|
| Model | DS-66 |
| Chamber volume | 20uL |
| Number of chambers | 6 |
| Dimensions of slide | 75mm*25mm*2.1mm |
| Dimensions of chamber | 16.2mm*6.2mm*0.2mm |
| Package | 50PCS/box |



Technical Parameters

| Model | C200FL |
|--------------------------|---|
| Optical parameters | 5×, 5.0 Megapixel |
| Fluorescence parameters | AO/GFP: Ex: 480/30nm, Em: 535/40nm PI/RFP: Ex: 525/30nm, Em: 590LP |
| Cell size range | 3-180μm (Optimal: 5-30μm) |
| Cell concentration range | $1 \times 10^4 - 3 \times 10^7$ /mL |
| Counting area | 1.72mm×1.3mm (Optional 1-3 zones) |
| Cell counting time | 5s/sample (bright field) |
| Storage | 500G |
| Dimensions | 310mm(W)*420mm(H)*270mm(D) |
| Weight | ~11KG |
| Languages | Chinese and English |
| Display | 10.1-inch LCD touch screen |
| Consumables | 6-channel counting slide, 20μL/sample |

RWD Life Science Co.,Ltd

Add: 9,19,20/F, Building 7A, Shenzhen International Innovation Valley,
Dashi 1st Road, Nanshan District, Shenzhen, Guangdong, P.R. China
E-mail: rwd@rwdstco.com

RWD Life Science Inc.

Add: 56 Sugar Creek Center Blvd, Suite 375, Sugar Land, TX 77478 USA
Tel: (858)900-5879 Support: service@rwdls.com
Web: www.rwdstco.com