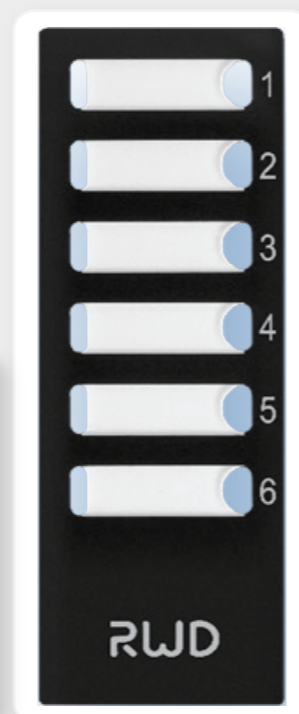## Consumables

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	1×10^4 - 3×10^7 /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

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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

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
- Wihtout focuing 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
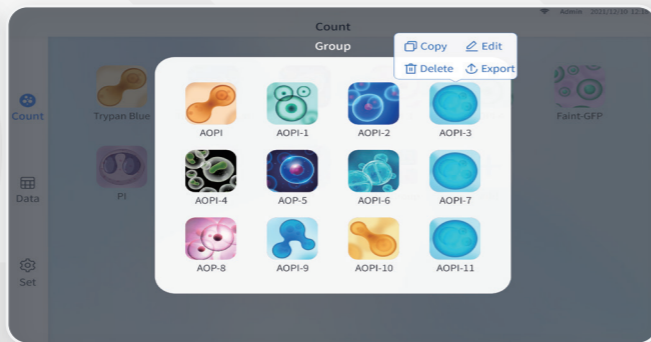- Optional 1-3 counting area, 5s/sample
- 500G storage, one click export multiple formats of data

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
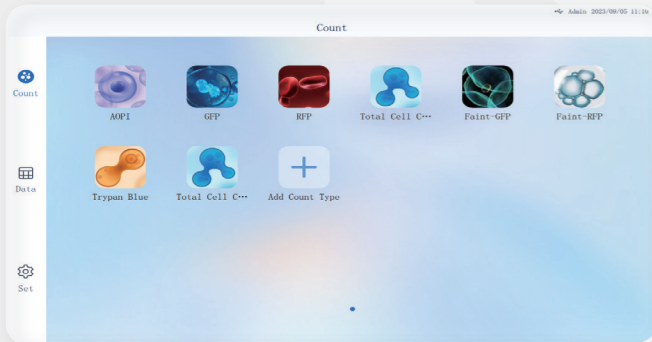
- APP style program, one click counting
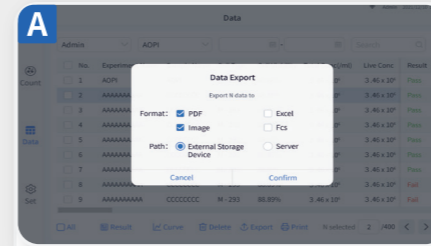

- APPs can be managed in group
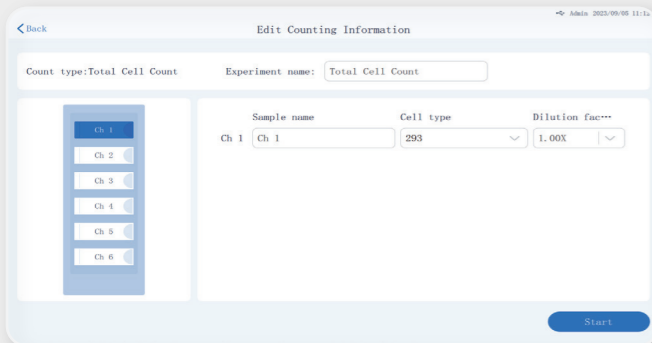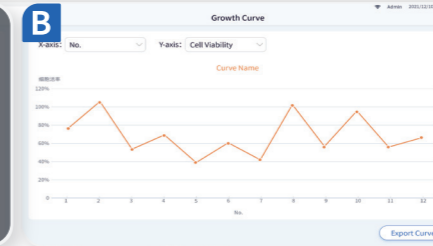

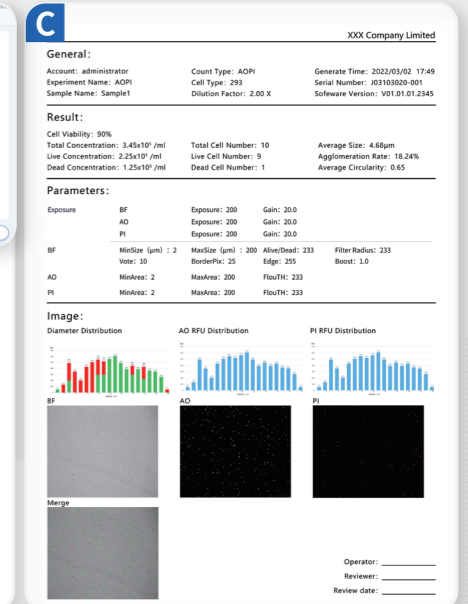- 6-channel automatic sampling
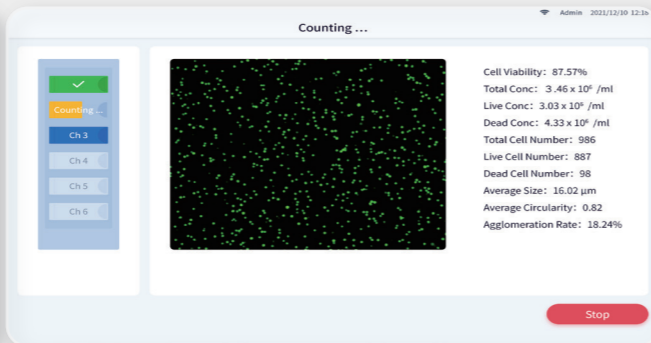
- Real time display of counting results

Result

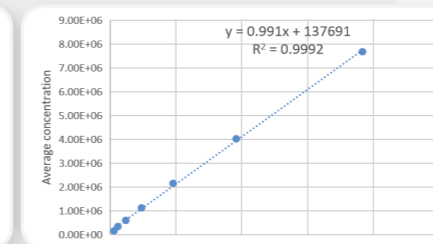- **A** Multiple data formats available for export
- **B** Cell growth curve
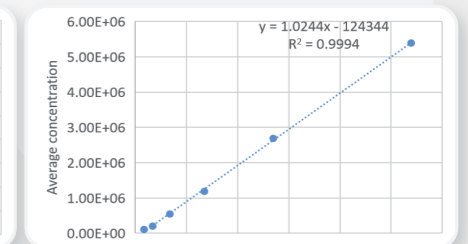- **C** Counting results report complete and detailed information

High accuracy & repeatability
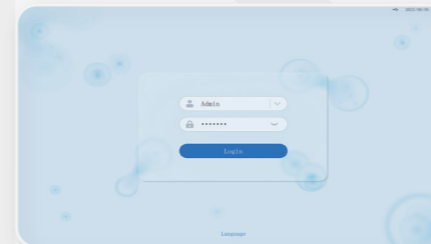

- The count CV of multiple models was < 5%

$y = 0.991x + 137691$
$R^2 = 0.9992$

- Standard beads count linearity
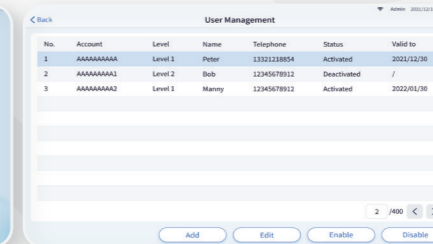
$y = 1.0244x - 124344$
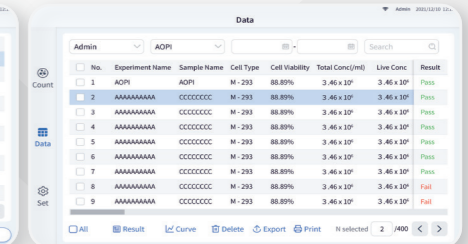$R^2 = 0.9994$

- CHO cell count linearity

FDA 21 CFR Part11 compliance

- Login with account and password
- User and permission management
- Electronic record