

RWD



C100

Automated Cell Counter

RWD automated cell counter is one of the most reliable cell counting devices with its highly intelligent analysis software and excellent microscopy optics structure. Under autocounting mode, it can accurately identify the live cells, dead cells and the ones with specific fluorescence in a few seconds, which may liberate researchers from eavy work of daily cell counting



Accurate

Cluster Recognition Algorithm
Super Clear Imaging System
Multi-application scenario incl. FLUO



Simple

7-inch Touch Screen
Auto Focus & Auto Exposure
Quick-Count Mode



Reliable

Automatic Data Record System
FL Mode for Complex Sample Analysis
Suitable for Different Types of cells

C100 Automated Cell Counter



Technical Parameters	
Amplification Factor	2.5×, 5 mega-pixel
Focus Method	Manual focusing & Autofocusing (less than 3s)
Counting Area	2.15mm×1.62mm
Fluorescence Application	FL Cube-01 (DAPI), Ex:375/28nm; Em:460/50nm FL Cube-02 (AO/GFP), Ex:480/30nm; Em:535/40nm FL Cube-03 (PI/ RFP), Ex:540/25nm; Em:620/60nm
Cell Type	Cell lines, stem cells, primary cells
Cell Size Range	4-60 μm (Optimal: 7-60 μm)
Cell Concentration Range	10 ⁴ -10 ⁷ cells/mL
Cell Counting Time	Less than 9s
Historical Data Storage	1000 counting reports and images at most
Languages	Chinese and English
Dimensions (W×D×H)	212mm*165mm*264mm
Weight	~3.2kg

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