

DATASHEET · CELL & MOLECULAR BIOLOGY

Automated Fluorescence Cell Counter.

SKU RWD-C100 | RWD-C200FL Spec v1 Rev. 2026-07-09

DATASHEET · P
RWD-C100 | RWD-C2

Rev 2026



PRODUCT FAMILY
ANIMAL MODEL
APPLICATION
COUNTRY OF ORIGIN
MFG. STANDARD
LOT TRACEABLE **No**
VERIFIED **Spec v1 · 2026-07-09**

PRODUCT SPECIFICATIONS

FROM PUBLISHED PRODUCT

PRODUCT TYPE	variable	MODEL	C100-SE (Brightfield), C100 (Brightfield + Fluorescence), C2 (Multi-Channel Fluorescence)
COUNTING METHOD	Automated image analysis	ACCURACY (CV)	<5%
COMPATIBLE CELLS	Cell lines, primary cells, stem cells, yeast, pollen	LANGUAGES	Chinese, English
COUNTING TIME	C100 / C100-SE: <9 seconds, C200FL: 5 seconds (brightfield)	CELL SIZE RANGE	C100 / C100-SE: 4–60 µm (opt 60 µm), C200FL: 1–200 µm (opt 30 µm)
CONCENTRATION RANGE	C100 / C100-SE: 10 ⁴ –10 ⁷ cells/mL, C200FL: 1×10 ⁴ –3×10 ⁷ cells/mL	COUNTING AREA	C100 / C100-SE: 2.15 × 1.62 mm, C200FL: 1.72 × 1.3 mm (1–3 zones)
MAGNIFICATION	C100 / C100-SE: 2.5×, 5.0 MP, C200FL: 5×, 5.0 MP	FLUORESCENCE CHANNELS	C100: 3 channels — FL Cube-0 (375/460 nm), FL Cube-02 (48 nm), FL Cube-03 (540/620 nm) C200FL: 2 channels — AO/GFP (480/535 nm), PI/RFP (525/590 nm) C100-SE: Brightfield only (no fluorescence)
FOCUSING METHOD	C100 / C100-SE: Manual & autofocus	DISPLAY	C200FL: 10.1-inch LCD touchscreen
SAMPLING	C200FL: 6-channel automatic sampling	DIMENSIONS (W×H×D)	C100 / C100-SE: 212 × 264 × 165 mm, C200FL: 310 × 420 × 262 mm
WEIGHT	C100: ~3.2 kg, C100-SE: ~3.0 kg, C200FL: ~11 kg	DATA STORAGE	C100 / C100-SE: 1,000 counting reports, C200FL: 500 GB
DIMENSIONS L×W×H (MM)	21.2 × 26.4 × 16.5	WEIGHT (KG)	8.27

AVAILABILITY

In stock

INFO@CONDUCTSCIENCE.COM CONDUCTSCIENCE.COM

RWD-C100 | RWD-C200FL · DATASH

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BILL OF MATERIALS · EXTENDED ATTRIBUTES

ITEM
Automated Fluorescence Cell Counter

MATERIALS REFERENCE

0 MATERIAL

CODE	DESCRIPTION	PROPERTIES	USED IN
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Cross-reference.

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OPERATING & STERILIZATION ENVELOPES

CONDITIONS, CYCLES, COMI

OPERATING

TEMPERATURE

HUMIDITY

PRESSURE

STORAGE

TEMPERATURE

HUMIDITY

ORIENTATION

STERILIZATION & CLEANING

AUTOCLAVE

GAMMA

AVOID

ETO

WIPE

ANIMAL COMPATIBILITY

BY SPECIES

NOTES

USE & S

SPECIES	BODY WEIGHT	CHAMBER FIT
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Specifications verified against current published product data. Verified 2026-07-09 · Since 2026-07-09.

Cite: ConductScience RWD-C100 | RWD-C200FL, Spec v1, 2026-07-09. conductscience.com/lab/automated-fluorescence-cell-counte

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