

Introduction

The UltraCount EZ Cell Counter is a split-type cell counting system that integrates precise counting and intelligent analysis. It features high-definition imaging, counting within 2 seconds, and no onsumables, designed specifically for researchers in cell-related fields. It replaces traditional manual counting methods, improving cell counting efficiency by 100 times and significantly aiding cell experiments. It is widely used in research institutions, medical facilities, and biopharmaceutical companies' cell culture laboratories.

Feature

FAST

- Easy to operate with one-click shooting
- Complete cell counting in under 2 seconds

This device replaces the traditional manual counting under a microscope, eliminating visual fatigue and cognitive load. Automated operation reduces human error, enhancing the repeatability and reliability of experimental data. Compared to traditional manual counting methods, it improves counting efficiency by 100 times.

INTELLIGENT

- Perfect combination of microscopic imaging and statistical analysis
- Provides comprehensive cell information, including total cell count, average cell diameter, and aggregation rate

This makes experimental results more intuitive, and reports can be directly exported, ensuring traceability of experiments.

ACCURATE

- High-definition CMOS camera (6 megapixels)
- Paired with a standard 4x objective lens

It provides unparalleled clarity in cell images and employs deep learning for intelligent recognition, effectively identifying cells and ensuring accurate counting results.

COST-EFFEVTIVE

- Compatible with most petri dish and reusable
- No consumable counting plates required

This significantly reduces user costs, making research more economical and accessible for every laboratory.

Technical Specification

Detect Particle Size	5 ~ 200µm	Detect Model	Brightfield
Detection Concentration	1×10 ⁴ ~ 3×10 ⁷ cells/mL	Image Module	CMOS (6 megapixels)
Sample Volume	10µL	Light Source	White LED
Optical Precision	4X Objective Lens	Data Output	JPG, CSV, PDF
Option	PC (CPU i5, 1.7Ghz, 8G RAM, 256G SSD)		

*Ultrassay BioTech Co., Ltd. reserves the right of final interpretation of different application.

UltraCount EZ
Cells Counter
Chip-free! AI counting!



ULTRASSAY BIOTECH CO., LTD.