

HSCORE

Smart • Speed • Save



**The First High Throughput
Cell Counter Without Plastic Slides**

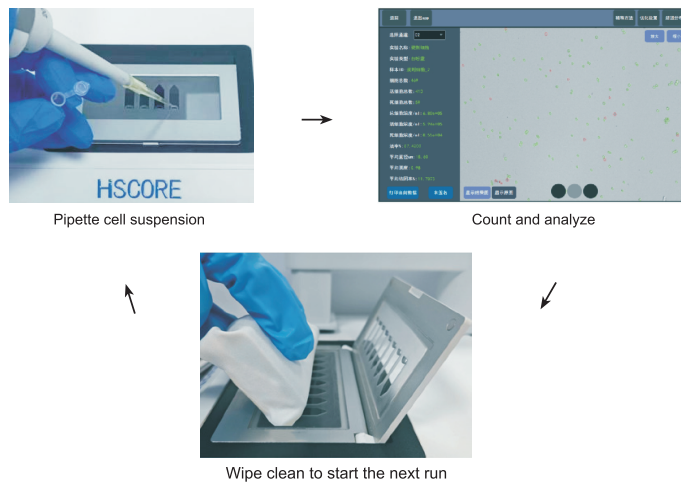
Why Halo Counter is your choice?

Stop Wasting, Start Counting.

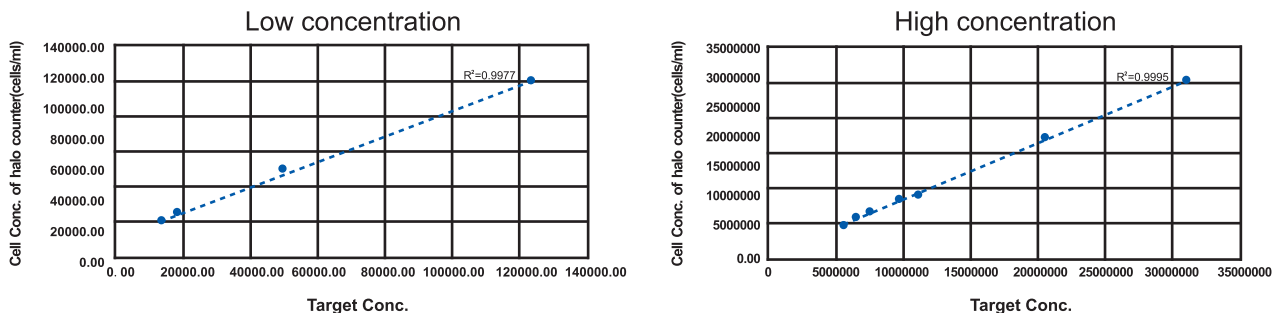
Zero Consumables: Innovative sample stage technology eliminates disposable plastic slides.

Eco-Friendly Lab: One Halo Counter saves thousands of slides annually, reducing your lab's cost and white plastics pollution significantly.

Rapid Workflow: Process up to 8 samples at a time. Direct pipetting, counting, and one-wipe cleaning.

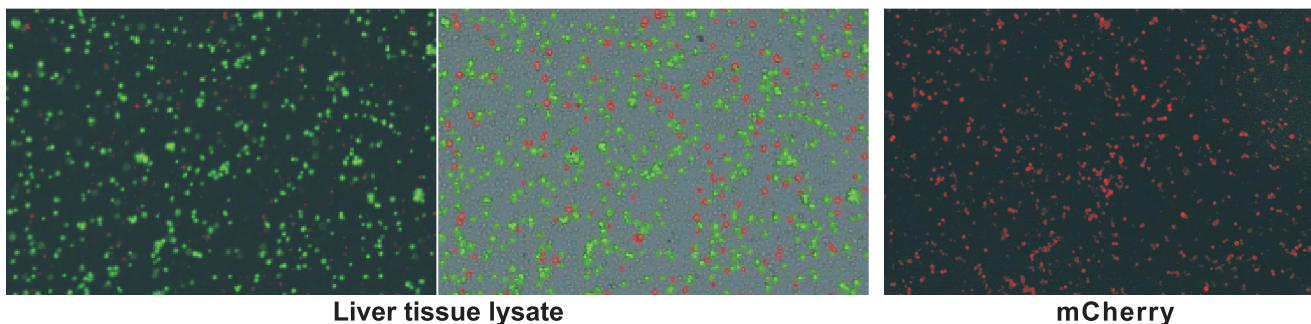


AI Algorithm: Deep learning neural networks identify cells in complex clusters with >99% accuracy.



Multi-Channel Fluorescence:

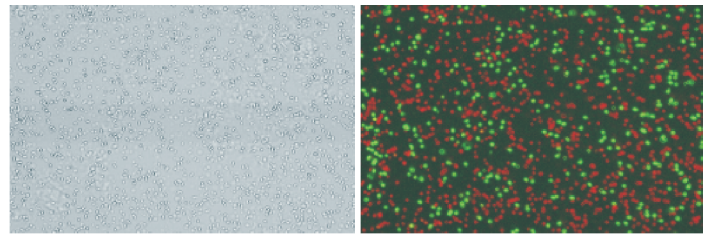
High-sensitivity AO/PI/GFP/mCherry imaging for viability and transfection assays.



Versatile Modules: adherent cell assay : GFP/RFP transfection efficiency, cell confluence

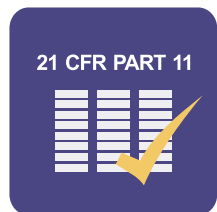


Halo BOX adherent cell assay adapter



Smaller cells: *Staphylococcus aureus*
(diameter approximately 2-3 microns)

Regulatory Compliance (21 CFR Part 11)



Audit Trail: Secure, computer-generated, time-stamped audit trails for all operations.

Electronic Signatures: Multi-level user access control and secure electronic signature binding.

Data Integrity: Reliable data storage with anti-tampering protection.

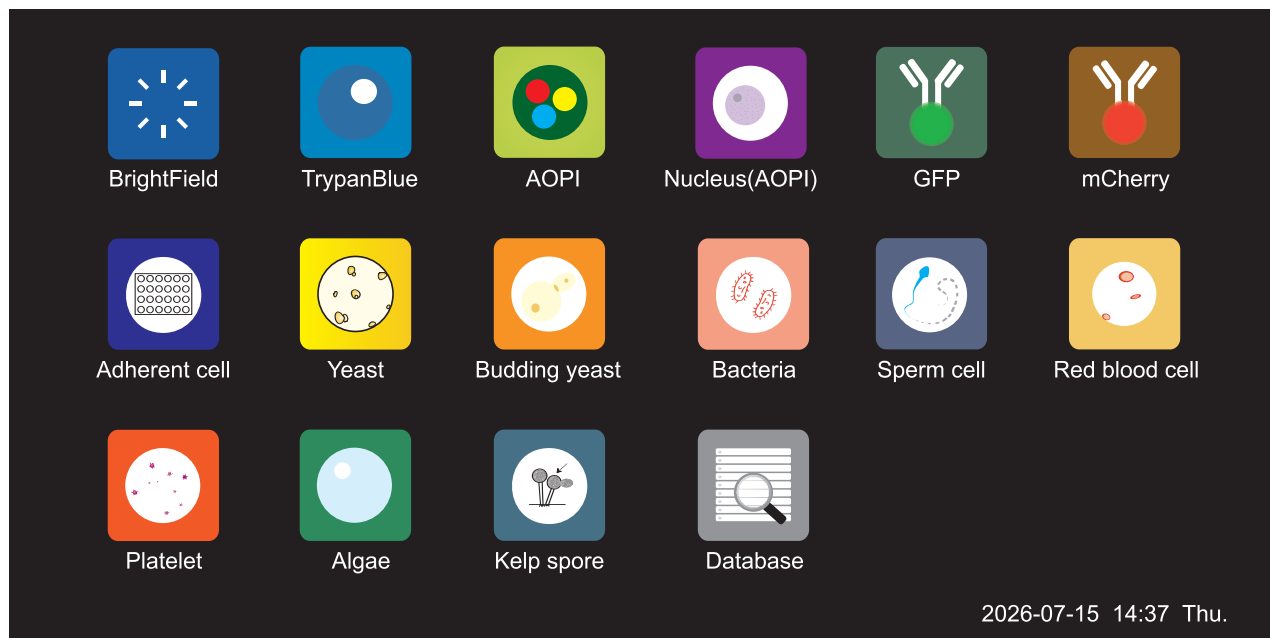
Application

Cell sample(4X objective) cell line: Primary cell, PBMC, NK, T-cell, stem cell and small cell *etc.*

Microbial sample(10X objective): yeast, *E.coli*, Algae, blood platelet *etc.*

Both cell sample and microbial sample(4& 10X objective)

User interface



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Selected Publication

Restoration of N-glycosylation via leucine-activated leucyl-tRNA synthetase 1 overcomes chemoresistance In intrahepatic cholangiocarcinoma **J. Hepatol. 2025**

Mitochondrial uptake and translocation by macrophages promotes vascular regeneration in peripheral ischemia **Bioactive Materials, 2025**

Whole genome analysis and in vivo safety assessment of probiotic candidate Lactobacillus acidophilus L177 **BMC Microbiol 2025**

Proteomics suggests the role of Cxcl12 secreted by hucMSCs in the treatment of lipopolysaccharide-acute lung injury **Microvascular Research 2025**

The Age-Dependent Anticancer Efficacy of Agaricus blazei Murill Polysaccharide in Colon Cancer **Molecular Nutrition Food Research 2025**

Neuronal activity-induced GLUT3 plasma translocation supports energy demands for memory acquisition **Communications Biology 2025**

Technical Specs

	Bright Field Cell Counter		Fluorecence Cell Counter	
Optics Channel	Bright Field, Trypan Blue		Bright Field, Trypan Blue,AOPI,GFP,mCherry	
Diameter range	4-400um	3-400um	3~400um	2~400um
Concentration range	$5 \times 10^4 \sim 3 \times 10^7$ cells/ml	$5 \times 10^4 \sim 1 \times 10^8$ cells/ml	$5 \times 10^4 \sim 3 \times 10^7$ cells/ml	$5 \times 10^4 \sim 1 \times 10^8$ cells/ml
Objective	4X	4X&10X	4X	4X&10X
Excitation channel			488nm,587nm LED	
Model	HD-4/HD-8	HD-4+/HD-8+	HD-4FL/HD-8FL	HD-4FL+/HD-8FL+

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