







# INNOMET TM COUNTER

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## INNOMET<sup>™</sup> COUNTER

Accurately Identifying and Counting Multiple Types of Cells

INNOMET™ COUNTER is a fully automated, high-throughput, desktop-sized device based on the Trypan Blue staining method. Equipped with a large-field camera, imported objective lenses, and an AJ intelligent algorithm, it accurately identifies and counts various types of cells. It is widely used in biological laboratories, pharmaceutical research and development, and other related fields.



#### Product Features

**Fast Detection** 

Completes detection of 24-well samples and outputs a report within 4 minutes;

Accurate Counting

Results deviation for repeated counts of the same sample is ≤3%;

Intelligent Detection

Al algorithms trained on a large variety of cell types, capable of detecting cell concentrations ranging from 1E5 to 1E7 cells/mL, with viability ranging from 0 to 100%;

High Precision

Equipped with a high-resolution large-field camera and imported objective lenses for clear cell imaging; detection precision reaches 2µm;

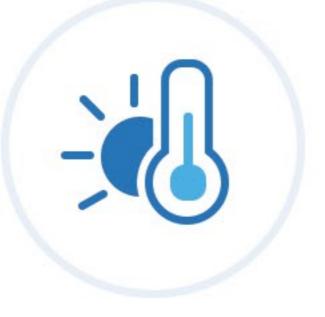
Remote Control

Remote control interface supports automation and expansion.

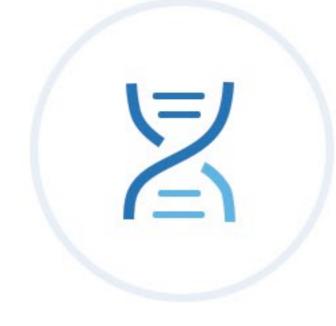
## Application Scenarios



Biopharmaceutical Development



Environmental Monitoring



Synthetic Biology Research

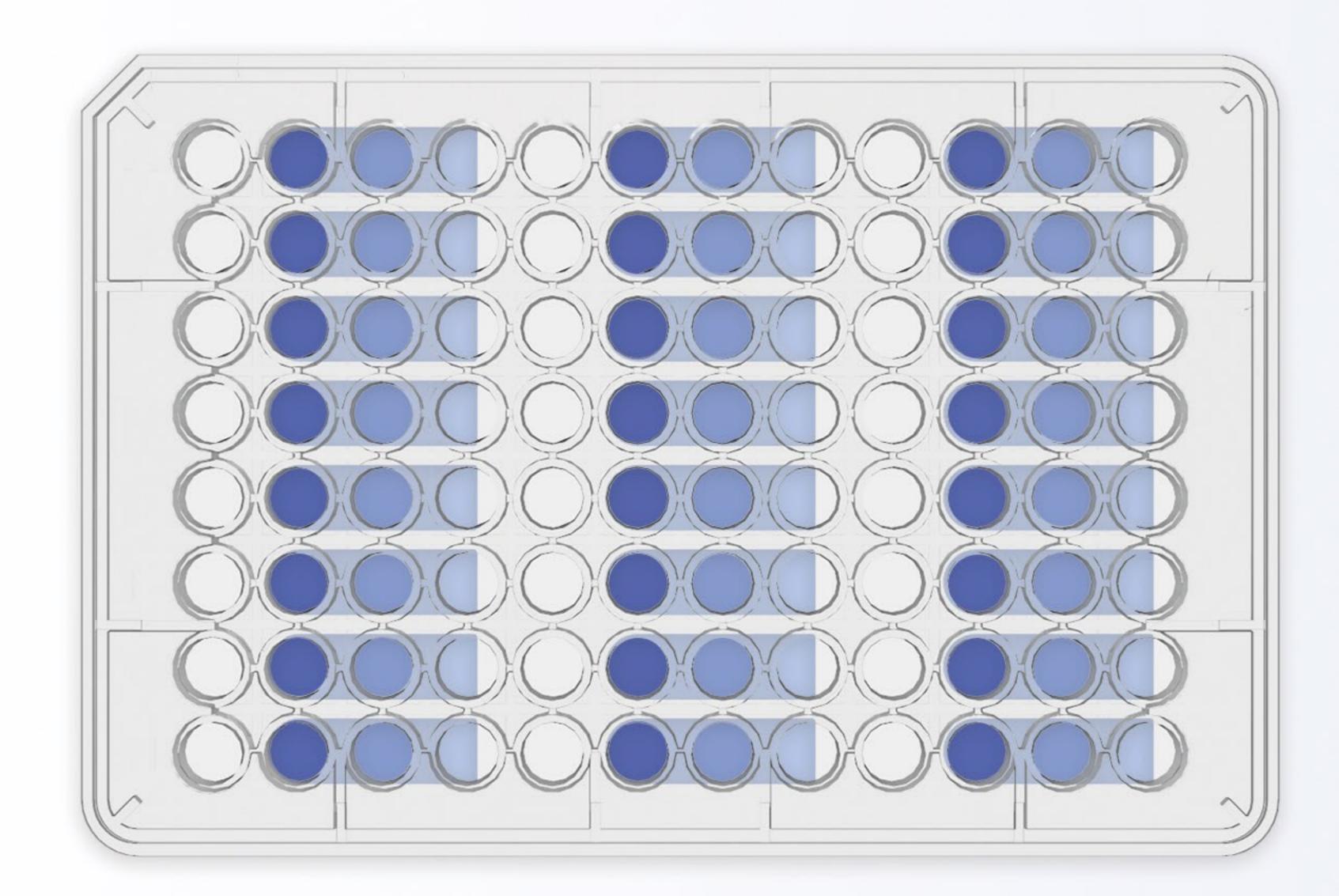


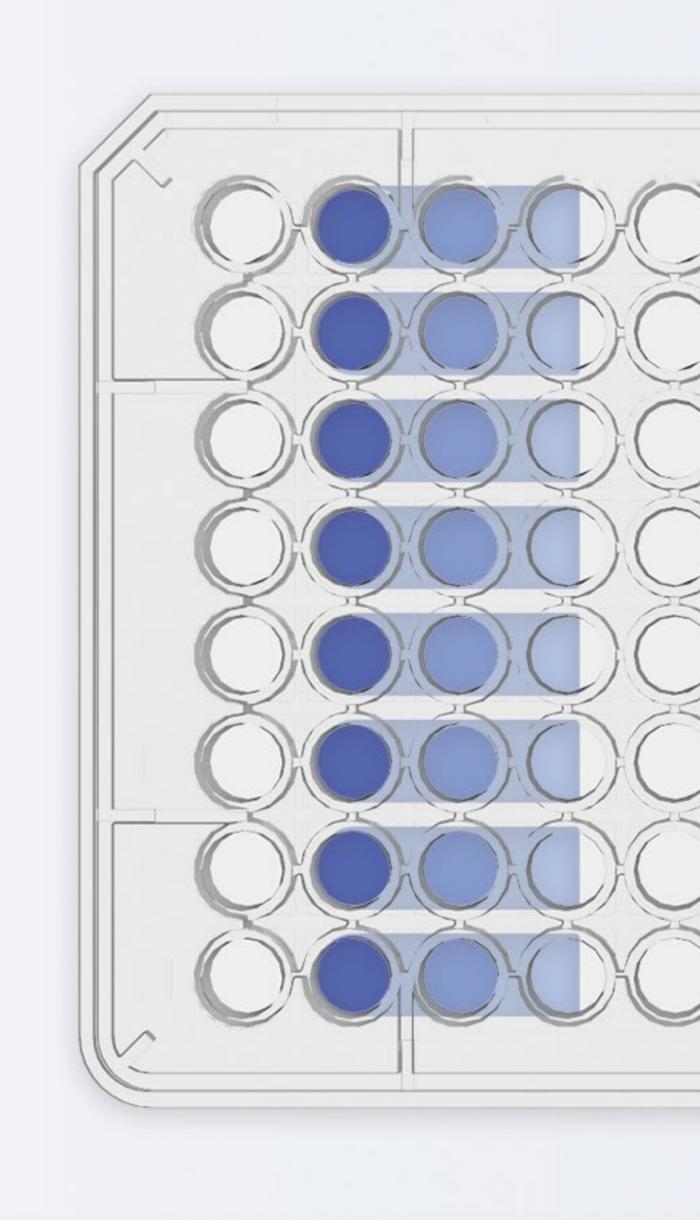
Drug Metabolism Studies

## Counting Consumables

High Throughput: Capable of processing 24 samples;

Support: Compatible with two formats of well plates: 2x12 and 3x8.

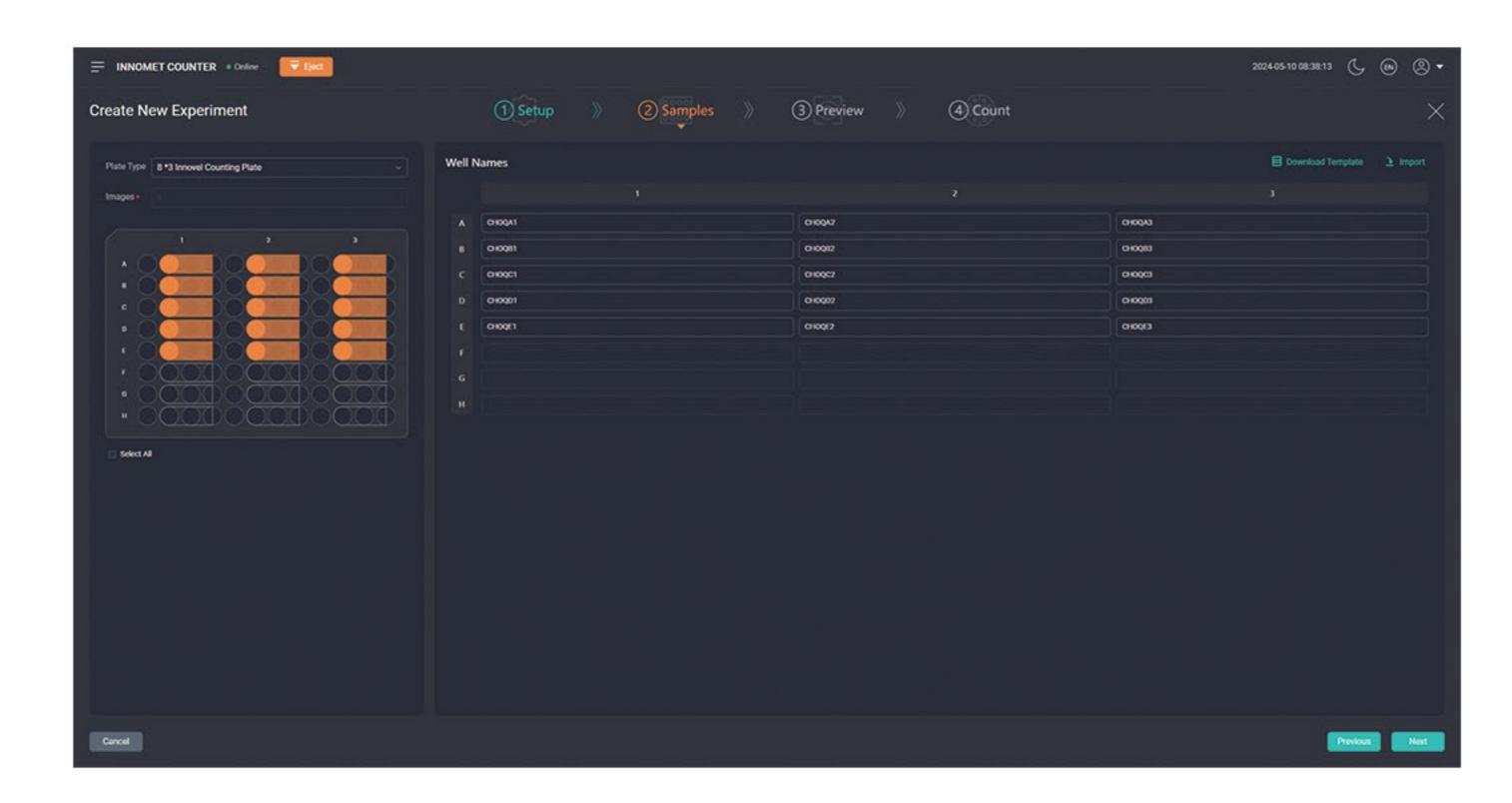


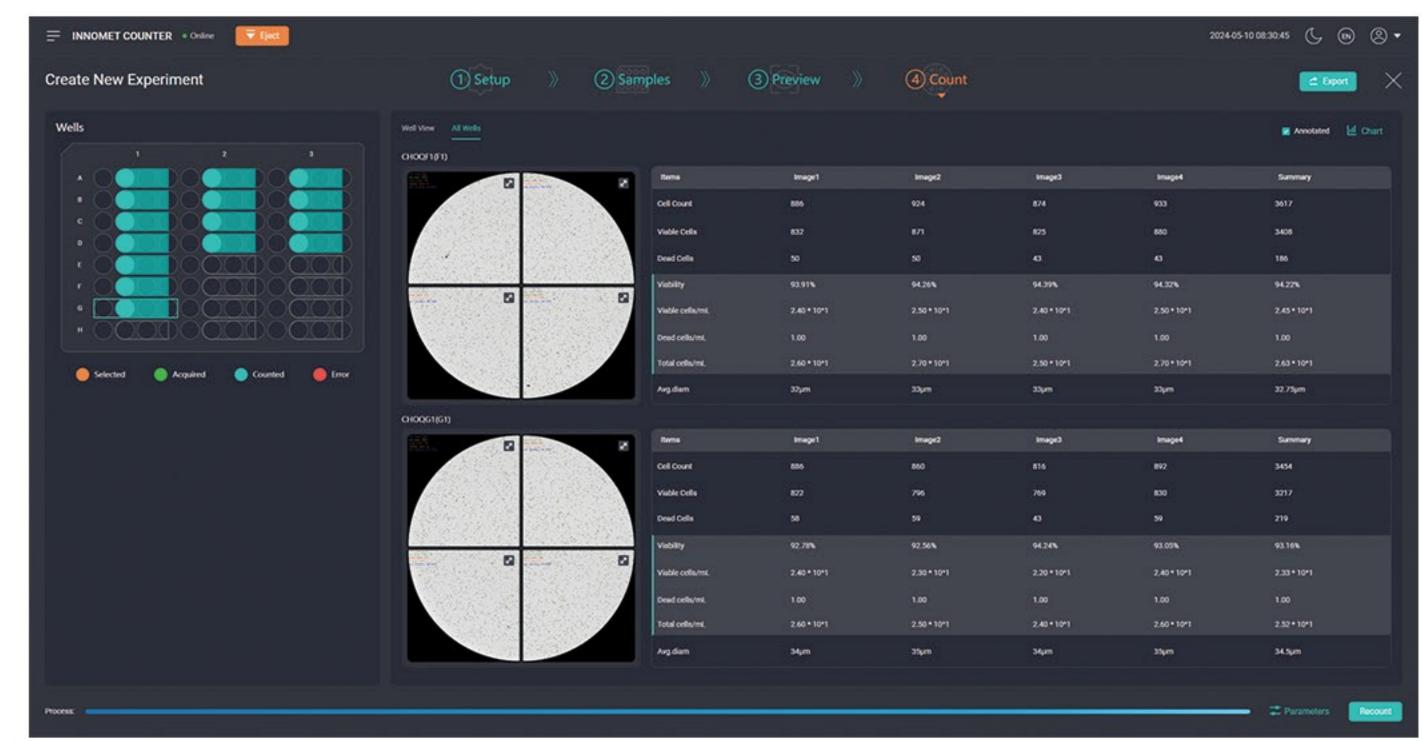


#### User Interface



The icons and buttons are designed to be simple and intuitive, allowing users to quickly understand and use various functions.





### Specifications

| Dimensions<br>(LWH)      | 330mm * 340mm * 248mm    | Operating<br>Humidity            | 0% - 90%              |
|--------------------------|--------------------------|----------------------------------|-----------------------|
| Net Weight               | ≤20kg                    | Detection<br>Time                | ≤5 minutes per sample |
| Power Supply             | 110-230V AC, 50/60Hz ±5% | Repeat Counting Deviation        | ≤3%                   |
| Total Power              | ≤200W                    | Cell Size<br>Resolution          | 2-80µm                |
| Operating<br>Temperature | 10−30°C                  | Detection<br>Concentration Range | 1E5 to 1E7 Cells/mL   |