

Bioeasy CountEasy™ Plates

Make Your Microbial Testing Easier

The CountEasy™ Microbial Test plate series is a food safety rapid detection product launched by Bioeasy. This series utilizes cold gel technology, designed to be simple, easy to operate, and easy to interpret, making it widely applicable to various stages of food production, processing, and quality control. It helps users obtain reliable test results quickly, improving testing efficiency while reducing labor and equipment costs.

Comparison to Traditional Agar Method

Save **95%** of Incubation Space

Increase **80%** of Work Efficiency

Reduce **45%** of Labor Costs

Reduce **75%** of Testing Time

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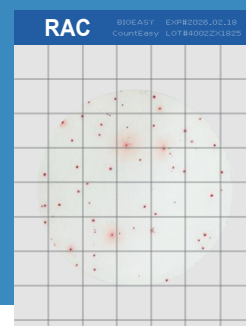
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Product Name: CountEasy Rapid Aerobic (RAC) Count Plate

Incubation Time: 24±2 hours

It is composed of trypsin, yeast extract, glucose, and cold gel. Its main nutrients are consistent with those of traditional plate-based culture media. It can perform colony count determination on most food substrates within 24 hours.



Product Name: CountEasy Rapid Coliforms (RCC) Count Plate

Incubation Time: 18-24 hours

It consists of peptone, yeast extract, lactose, No. 3 bile salts, a pH indicator, and cold gel. Its main nutrients are consistent with those of traditional plate-based culture media. It can perform colony count determination on most food substrates within 18-24 hours.

Product Name: CountEasy Rapid Yeast & Mold (RYM) Count Plate

Incubation Time: 48-72 hours

It is composed of peptone, glucose, magnesium sulfate (anhydrous), chloramphenicol, and cold gel. Its main nutrients are consistent with those in traditional plate-based culture media. This product can be used for the rapid detection of mold and yeast in food.



Product Name: CountEasy Rapid Staphylococcus Aureus (RSA) Count Plate

Incubation Time: 24±2 hours

It is composed of tryptone, beef extract, yeast extract, sodium pyruvate, glycine, lithium chloride, and cold gel. Its primary nutrients are consistent with those of traditional plate-based culture media. This product is suitable for the detection of Staphylococcus aureus in various foods, food ingredients, and production environments.

Product Name: CountEasy Rapid E.coli & Coliform (REC) Count Plate

Incubation Time: 18-24 hours

It contains proprietary nutrients, cold gel, 5-bromo-4-chloro-3-indolyl-D-glucuronide (BCIG) an indicator of glucuronidase activity, and a tetrazolium indicator that facilitates colony enumeration. It can perform colony count determination on most food substrates within 18-24 hours.





Lector de Placas Bioeasy

Único lector del mercado capaz de leer tanto **placas tradicionales**, como **películas secas de cultivo** tipo **Petrifilm** o **CountEasy**.

Mejora la eficiencia, ahorrando tiempo de conteo; **estandariza resultados** y procesos; **almacena resultados**, y puede **conectarse a** diversos **LIS**.

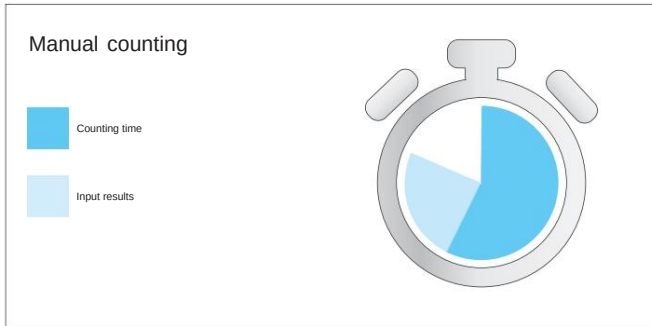
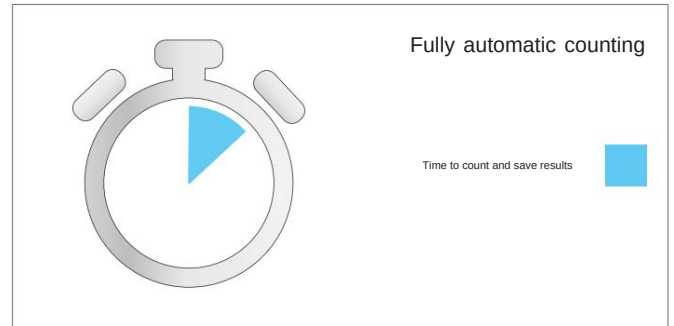
Cuenta con **software IA** para mejorar el diagnóstico.

Apta para placas desde 50 a 150mm de diámetro, así como placas cuadradas de 120mm.



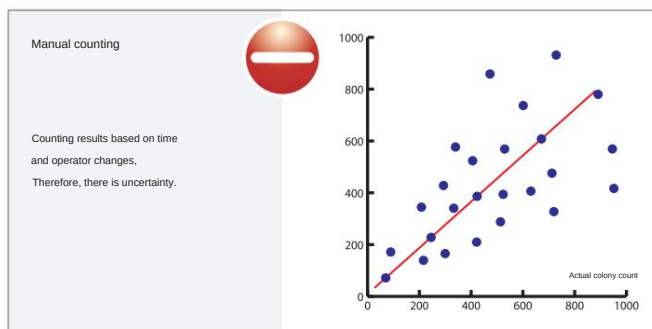
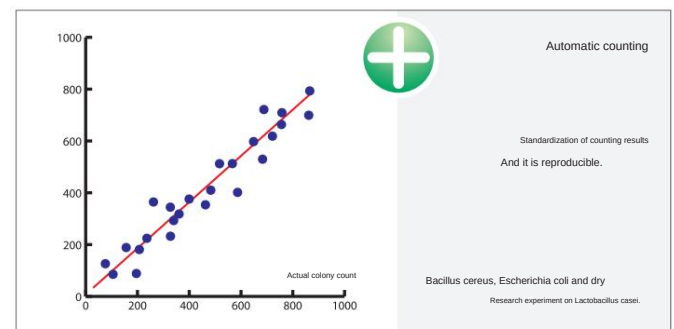
Why use a colony counter?

1. Work efficiency



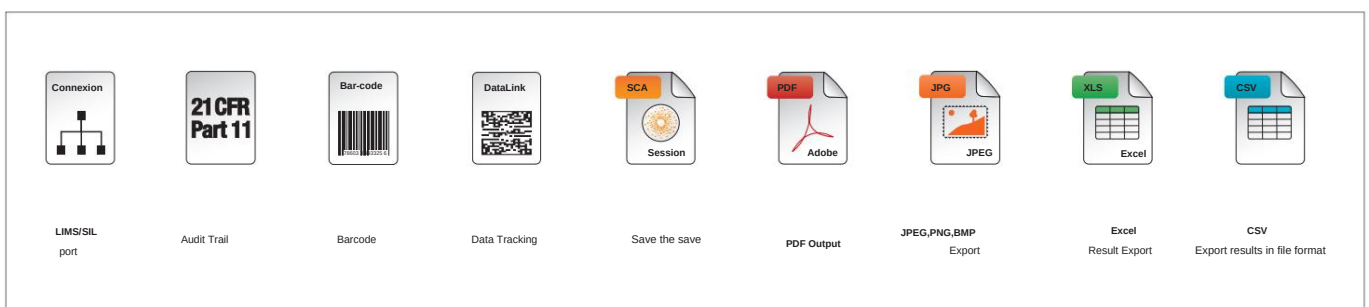
If you count at least 50 dishes per day, you can save 80% of your time.

2. Accuracy and repeatability



Manually counting colonies on culture plates is time-consuming and tiring. Different operators may have different colony counts at the beginning and end of the day. The colony counter has constant accuracy and repeatability. Up to 98 %

3. Traceability



Providing multiple data export methods saves time and increases the security and quality of analysis results.

Normally, the dishes are thrown away after counting, so double-checking is not possible. If you are in any doubt, there are also dishes before/after counting. pdf and photos to double-check the results and submit to your clients or bosses.

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Configuration parameters

power supply	220V - 50/60Hz
camera	20 megapixels
Sample type	60mm/90mm/120mm/150mm standard culture dish; rapid test piece
Analysis system	AI visual algorithm, one-click automatic counting; support customized development
light source	Bottom light source, top light source
Data Transfer	Ethernet cable connection
Typical colony classification	Such as E. coli, suspected E. coli, non-E. coli

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