

CytoVue SCC

Somatic Cell Counter

GUARDING THE HEALTH OF COWS
MONITORING THE QUALITY OF MILK

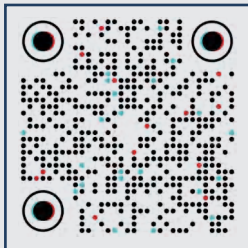


Order Info:

Product Name	Catalog Number	Specifications
Somatic Cell Counter	CytoVue SCC 100	1unit
Cell Counting Slide	SCC CHIP 4	100 pieces per box (400 tests)
Cell Dyes	CytoG Dyes	100 per bag

Company Profile:

Tianjin Wisebiotec Co., Ltd. was established in 2020 as a national high-tech enterprise, specializing in the development, production, and sales of innovative products for in vitro diagnostics. We has developed a chip-based fluorescence PCR multiple nucleic acid rapid detection platform and a series of detection chips, which are widely applied in disease control , customs, food safety, and third-party testing fields. It has also developed a cell counting platform, currently mainly used for milk somatic cell detection, and the products are widely used in dairy farms, dairy product factories, and research institutions.



Tik Tok



HOMEPAGE

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www.cytovue.com

CytoVue SCC

INTRODUCTION

The CytoVue SCC somatic cell counter is based on the principle of nuclear fluorescence staining, which automatically and precisely counts somatic cells in raw milk. It is widely used in dairy farms, dairy plants, and research institutions for the detection of raw milk quality and the diagnosis of bovine mastitis. The counter is used with disposable cell counting slides and fluorescent dyes, offering simple operation, rapid testing, accurate results, and high cost-effectiveness.

APPLIC- -ATION

Milk Quality Test

Diagnosis of Bovine Mastitis

USER

Cow Farm

Dairy Factory

Research Institution



01 | APPLICATION

WIDELY USED AND PROFESSIONAL

Milk Quality Control

Milk with a high somatic cell count means lower milk quality. CytoVue SCC offers precise somatic cell count testing, which helps you understand and improve the quality of milk, leading to higher yields and benefits.



Cow Herd Mastitis Monitoring

A high number of somatic cells in the milk indicates mastitis cases. Monthly monitoring of individual cow somatic cell counts helps to detect sick cows early, thereby allowing for early isolation and treatment measures, reducing treatment costs, and preventing the spread of mastitis.



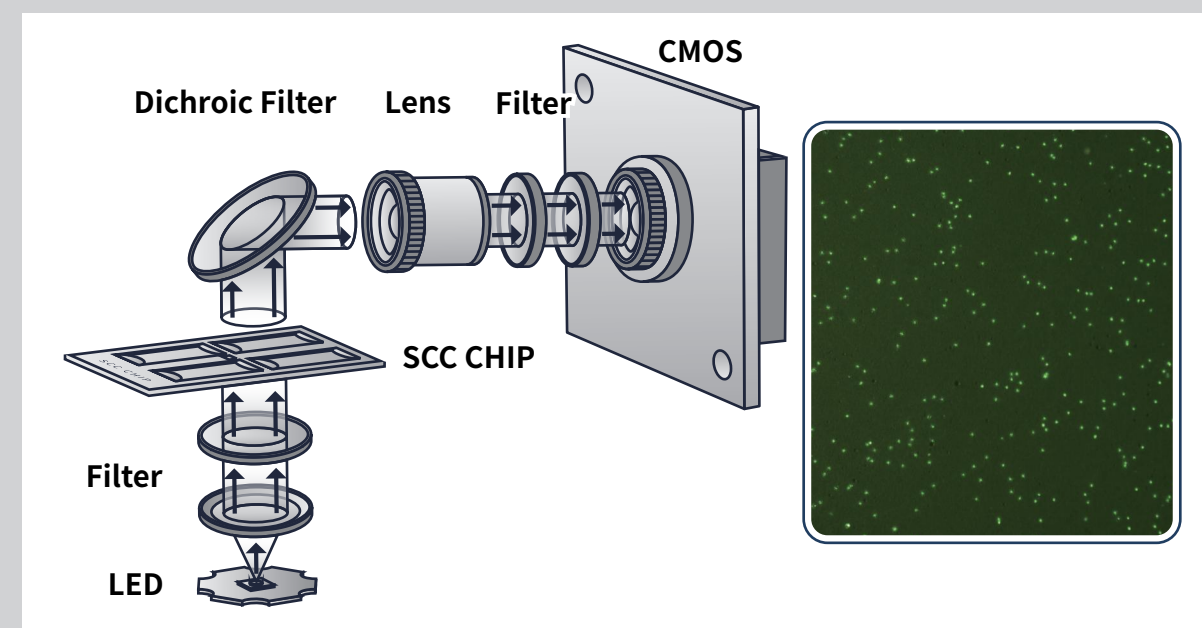
Rehabilitation Assessment

The recovery effect of mastitis is assessed by regularly monitoring somatic cell counts. Precise control of the udder health of cows can reduce the blind use of antibiotics and enhance the safety level of milk. For cows with persistently high somatic cell counts, timely culling should be carried out to reduce losses.



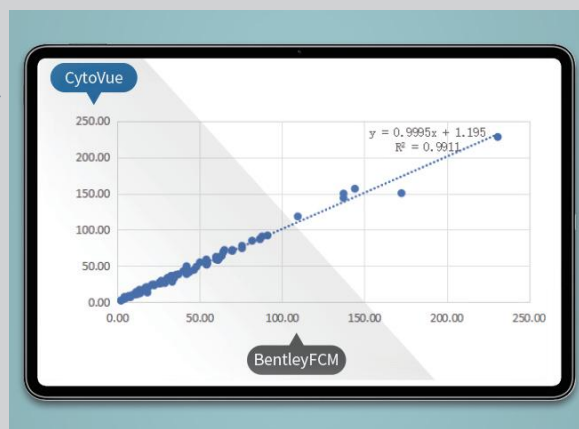
Fluorescence Imaging Counting

Equivalent to the gold standard of direct microscopy. No dilution required, rapid staining, clear imaging, storage and transportation at room temperature, results are intuitive.



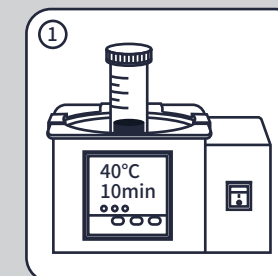
Accurate Results

- ◆ Correlation with BentleyFCM > 0.98
- ◆ Repeatability: CV < 7% @ 200k/ml;
CV < 5% @ 500k/ml



Easy to Use

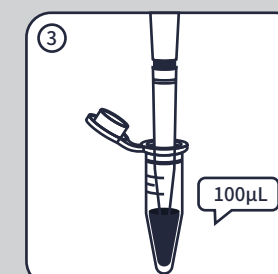
No need to dilute the sample, complete the detection of 4 samples in 3 minutes.



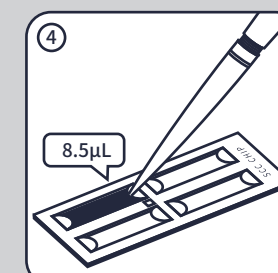
STEP1
40°C water bath,
10min.



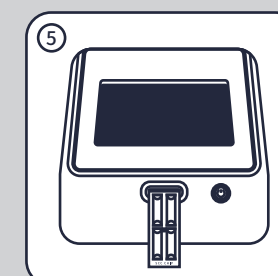
STEP2
Mix upside down.



STEP3
Staining.



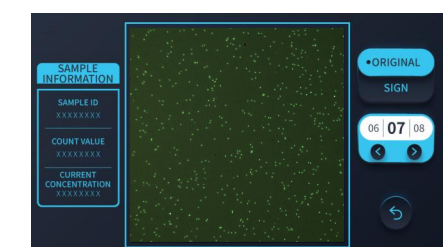
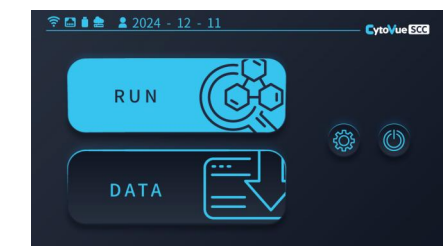
STEP4
Sample injection.



STEP5
Running on the
machine.

Exquisite design

Easy to carry, with a clean and user-friendly interface, it can quickly yield results, and offers convenient data management.



03 | TECHNICAL PARAMETERS

Size 230X215X245mm	Weight 2.7kg	Display 7-inch touch screen
Range 0~ 5000K/ml	Sampling Volume 100μL	Measure Volume 4.5μl/Test
Repeatability 5% at 500K/ml 7% at 200k/ml	Accuracy Satisfy the requirements of ISO 13366-1:1997: Milk-Enumeration of somatic cells-Part 1: Microscopic method	
Power AC100-240V,50/60Hz, DC 12V-3.0A	Interface WIFI, RJ45、USB	Data Storage 1000 data local storage, convenient export



04 | COST- EFFECTIVE

The ability to monitor individual cow, cow quarter and bulk milk tank SCC gives you the ability to confidently make decisions that impact the overall profitability of your farm. A small investment leads to a reduction in the incidence of mastitis, healthier cows, and higher yields.



05 | WORRY FREE AFTER SALE

- Software built-in support features, one-click feedback.
- response in 48-hour, providing backup machine.
- The host is provided with a 2-year warranty and lifetime maintenance.
- Obtain localized support through distributors.

LIFT time Repair	1 key Network Feedback
2 year Quality Assurance	24 h Respond