

CURIOSIS



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Quality Control System for Enhancing Dairy Product

Specification

• Counting Method	
Measuring range	1 × 10 ⁴ ~ 5 × 10 ⁶ cells/mL
Measuring speed	Approx. 35 sec./channel
Measuring volume	7.6 µL
Sample loading volume	20 µL
Data export	Wi-Fi, USB, Thermal printer (optional)
• Instrument	
Size (W × L × H)	300 × 360 × 275 mm
Weight	7.5 kg
Light source	Green LED
Objective lens	4X
Display	10.1" touch screen
Focusing	Autofocus, Manual focus
SCC kit	4-channel disposable slide (25 slides) SCC staining solution (12 mL)



Quiric™ SCC
Automatic Counter for Somatic Cell



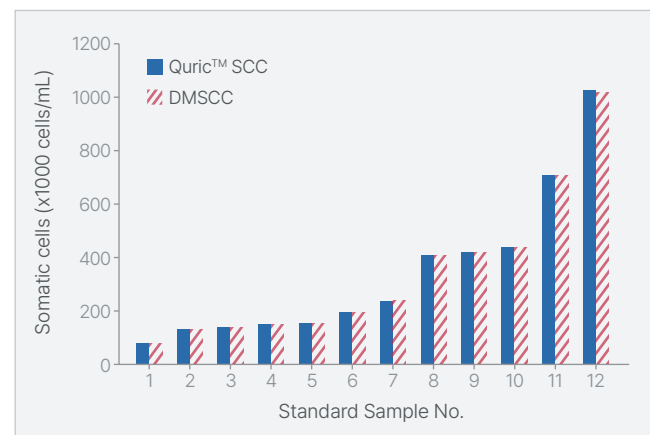
Quiric™ SCC is a fully **automated cell counting system** based on a fluorescent microscopy technique for somatic cell counting.

Somatic cell counting is one of the most important indicators in assessing milk quality, representing the udder health condition of dairy cows. The **Quiric™ SCC** is **designed for detection of somatic cells in the milk**, a useful system to the implementation of milk quality control, which benefits farmers seeking to supply higher-quality milk. With its **accurate, reliable and fast detection technologies**, Quiric™ SCC is an ideal system for dairies, smaller labs and veterinary establishments working with somatic cell monitoring and analysis.

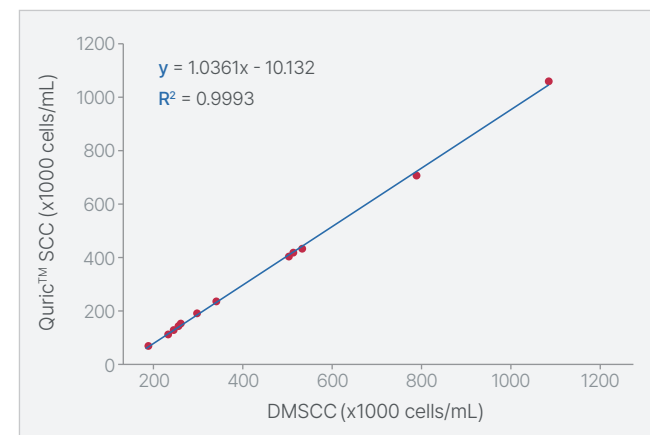
Accurate & Consistent results

As shown in data below, Quiric™ SCC provides **accurate and consistent result**, which is fully compatible to the Direct Microscopic Somatic Cell Count (DMSCC).

■ **Accuracy** | Comparison between Quiric™ SCC and DMSCC using Raw Milk Standards. (Eastern Laboratory Services, USA)



■ **Linearity** | Data correlation between Quiric™ SCC and DMSCC.



■ **Consistency** *Coefficient of Variation

Mean SCC (x1000 cells/mL)	100	250	700	1000
CV* (%)	4%	3%	2%	2%



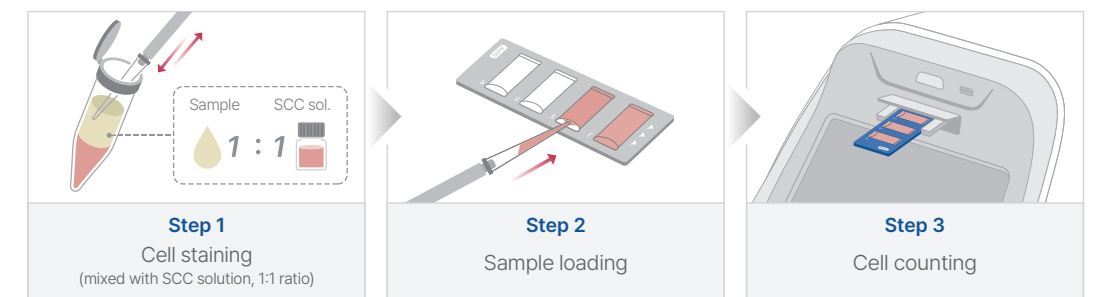
Rapid detection

By using Quiric™ SCC, users are possible to get counting results **within seconds**, which enables them to detect and prevent mastitis earlier.

User-friendly system

✓ **Simple operation**

Somatic cell counting (SCC) using Quiric™ SCC is done by 3 steps.



✓ **Flexible data exporting methods**

Counting results can be exported as a PDF or a CSV file formats and users are able to get the data through USB flash drive, e-mail (Wi-Fi) or thermal printer.



✓ **Barcode scanning**

Users utilize a barcode to set the sample ID and analyze the data simply.

*optional

