The NucleoCounter® SCC-400™
– for high-speed counting of somatic cells in milk

The NucleoCounter® SCC-400™

The NucleoCounter® SCC-400™ offers unique ease of use and effective and fast determination of the number of somatic cells in a milk sample.

The compact instrument fits perfectly in any research, reference or central laboratory function. The NucleoCounter® SCC-400™ is very simple to operate with only limited training in laboratory work.

Principle: The NucleoCounter® SCC-400™ is an integrated fluorescence microscope designed to detect signals from the fluorescent nuclei dye. Results from the NucleoCounter SCC-400 represent the total cell concentration.

Key Benefits of the NucleoCounter® SCC-400™
- Up to 200 samples per hour
- Simple operation
- Simple cleaning
- Simple Maintenance
- Excellent reproducibility

200 SAMPLES PER HOUR!

The NucleoCounter® SCC-400™
- The high-speed counting solution for somatic cells in milk
Simple Operation

Sample Preparation
Mix a representative cell sample with Reagent C400 (lysis and staining buffer).

Sampling
Place the pipette of the NucleoCounter® SCC-400™ instrument in the sample.

Analysis
After about 15 seconds the cell count is presented in the result list.

Results

SCC-400 vs SCC-100

SCC-400 vs Fossomatic-FC

NucleoCounter® SCC-400™ Specifications

Sample volume: 250 μL is mixed with 500 μL of Reagent C400
Measurement volume: Up to about 36 μL of the sample mixture, 12 μL of milk, is analysed in the instrument (Working Factor 85)
Measurement range: Up to 10,000,000 cells/mL
Size: 38 x 26 x 22 cm (W x H x D), weight 4.5 kg
Software: NucleoView® SCC-400™ computer software for documentation and instrument control

For more information, please visit www.chemometec.com