DeLaval Cell Counter DCC

The herd management tool that provides the power of knowing

The DeLaval Cell Counter DCC udder management tool

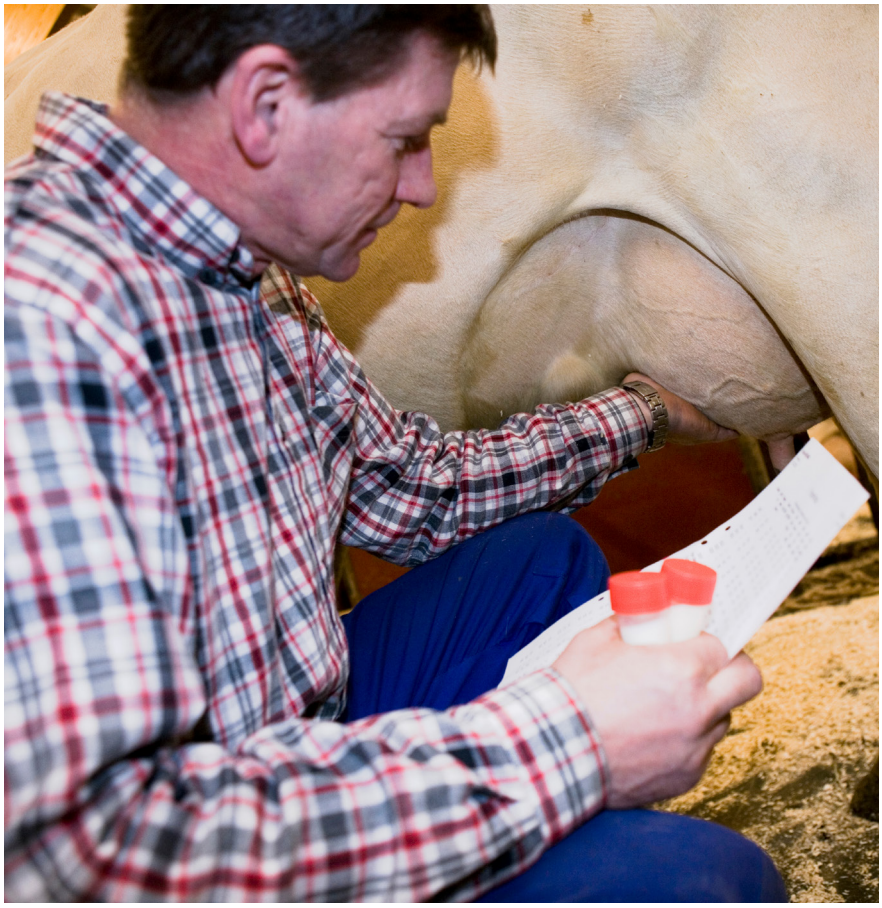
Using a DeLaval Cell Counter gives you a reliable and practical management tool for mastitis diagnostics. By using the DCC, you get specific cell count information at the quarter, cow or tank milk level. This allows you to make a targeted choice for selective dry cow therapy (SCT) or check the effectiveness of a treatment. Early detection and a better management system means less antibiotics use, which will inevitably save money for the farmer.

Subclinical mastitis

Cows with an increased Somatic Cell Count (SCC) with no visible signs in the udder or milk is indicative of subclinical mastitis. Subclinically infected cows will produce less milk, and the quality of milk will be reduced. In addition, infected cows can be a source of infection to other animals in the herd. Therefore, using the DCC will give you quick and reliable detection of an infected quarter in order to take targeted action.

Selective drying

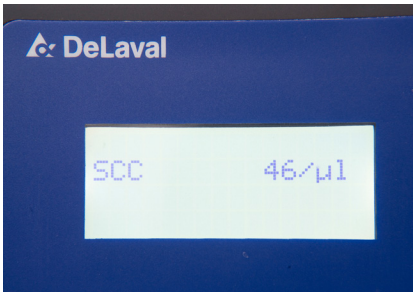
On the other hand, you can also use the DCC to determine the quarter cell count of cows to be dried off. Based on the outcome, you can make a responsible choice about drying a cow with a low somatic cell count. Early detection and a better management system means less antibiotics use which will inevitably save money for the farmer.



How does the DCC work?

A small amount of milk is sucked into the special DCC cassette. In the cassette, the milk comes into contact with a reaction liquid, which stains the DNA of the cell nuclei.

After inserting the cassette into the DCC measuring unit, a digital photo is taken after which the stained cells are counted one by one.



The display shows the result after just 45 seconds, in cells per ml.

High accuracy
The DCC measurement method is comparable to the Fossomatic used for milk control. The DCC has a measuring range from 10,000 to 4,000,000 cells/ml.
The DCC cell counter is unique due to the combination of accuracy and the handy size. Calibration is not necessary. This is done in the factory during the production of the cassettes.

Database function in DCC
The DCC has a database function that makes it possible to store a total 255 measurements.The data stored in the database is possible to view on the DCC display and delete using the DCC keypad, both with respect to bulk tank and cow milk somatic cell counts. It is also possible to transfer the data to a PC with the DCCWin programme

DCCWin
The DCCWin programme is a Windows application designed to transfer the somatic cell count data from the DCC database to the computer. DCCWin will display the data on the computer screen. It is also possible to print the data and store it on the computer

You don't have to wait for the next milk check report - use your DCC

The cell counter DCC is a portable instrument and does not require an external power supply. You can use it wherever and whenever you want. The practical storage bag is an indispensable accessory.

DeLaval

www.delaval.com

6 ways to get the most out of your DCC:

Tank milk cell count:

1. Extra grip on the udder health of your herd

Cow cell count:

2. For early detection of problem cows
3. Control of newly milked cows/heifers after 5 days

Quarter cell count:

4. Detecting infected animals
   a. A prompt diagnosis increases the chance of recovery
   b. Reducing the risk of contamination for other animals
5. Determine the dry period therapy - a reliable method for selective dry cow therapy.
6. Evaluating treatment therapy - follow up results after about 3 weeks

The benefits of the cell counter DCC

- **Reliable, accurate and fast measurement of the cell count**
- **Better management system tool means more focused action and less antibiotic use.**
- **Provides a better insight into udder health**
- **Optical measurement so no contamination of the instrument**
- **No calibration required**
- **Easy operation**
- **Compact and portable instrument**
- **Easy to use**
- **Low maintenance costs**

Technical data:

Cell count value in 45 seconds	
Weight:	**4,1 kg**
Size: (LxWxH)	235 x 236 x 249 mm
Measuring range:	10.000 tot 4.000.000 cells/ml
Power supply (battery):	12V, DC
Battery type:	Non-rechargeable battery pack, 17.000 mAH
Battery Life:	>750 measurements or 1 year