The power of knowing
DeLaval online cell counter OCC for VMS
Take the guesswork out of modern dairy herd management and make the right decisions in time, every time.

**DeLaval online cell counter OCC** available exclusively for DeLaval voluntary milking system VMS.

**Total control**
DeLaval online cell counter OCC is the first true automatic somatic cell counter available for voluntary milking systems. With DeLaval online cell counter OCC you gain access to a level of knowledge and control unheard of until now. DeLaval OCC combined with DeLaval VMS herd management software offers you proactive, daily monitoring of the SCC level of every cow at every milking. Now you can take advantage of early mastitis detection for cost-effective control of the spread of mastitis and more profitable herd management.

The focus on SCC as an important indicator for milk quality is growing around the world and many dairies pay a bonus for milk with a low SCC. A high SCC in the herd indicates a high number of mastitis cases. With DeLaval OCC, you can precisely identify acute mastitis cases and closely follow-up on sub-clinical cases. Knowing the SCC level for every cow at every milking puts you in total control of udder health management. DeLaval VMS can divert low quality milk from cows with a high SCC, so you have full control over what goes in the tank. By proactively monitoring the SCC development of your cows, you could also expect to reduce the use of antibiotics.

**Advanced management**
Knowing the SCC of every cow at every milking provides you with the ultimate management tool to develop standard operating procedures. Combined with the powerful herd management system of VMS, you can increase the milking frequency of cows with elevated SCC. With full clarity, you can closely follow-up on the cow’s response and take the appropriate decisions at the right time.
**Fully automatic**
DeLaval OCC takes a milk sample from the DeLaval VMS and analyses it at every milking. The cell counting takes a few seconds and the result is reported on the herd management software’s Cow Monitor screen. There is no guessing or interpretation of a SCC level. The sample result shows clearly as cells/ml of milk.

**High accuracy**
DeLaval OCC automatically counts the somatic cells optically. It uses the same advanced and proven technology as in the DeLaval cell counter DCC. A digital camera takes a picture of the somatic cells’ nuclei and individually counts each of these nuclei to give a very accurate result. Between each cow milking, the instrument rinses and self checks to ensure optimum data accuracy. It is also cleaned when the DeLaval VMS performs a full system cleaning.

**How does it work?**
A milk sample from the DeLaval VMS (1) and some coloured reagent (2) are drawn into the syringe pump (3). This mix is then pushed through the measuring instrument (4) where the somatic cells are optically measured. The SCC value is then sent to the management software.
In combination with DeLaval VMS, the online cell counter shows you the way to more profitable milk production by offering:

**Earlier detection of sub-clinical mastitis**
- Treat mastitis at an earlier stage
- Quicker recovery and less production loss
- More efficient control of the spread of mastitis
- Less risk of penalties or loss of bonus payment

**Efficient follow-up of fresh cow udder health**
- Earlier detection of infected cows for relevant treatment

**Immediate follow-up of mastitis treated cows**
- Clear signal if the cow is treated successfully
- Clear signal when to send milk to the tank

**Control the milk quality level going into the tank**
- DeLaval OCC also allows for manual testing of milk samples

**Evaluate your herd health status like you have never done before**
- With the SCC level for every cow at every milking, you gain access to a level of knowledge and control unheard of until now
- Your cows hold no secret from you any longer