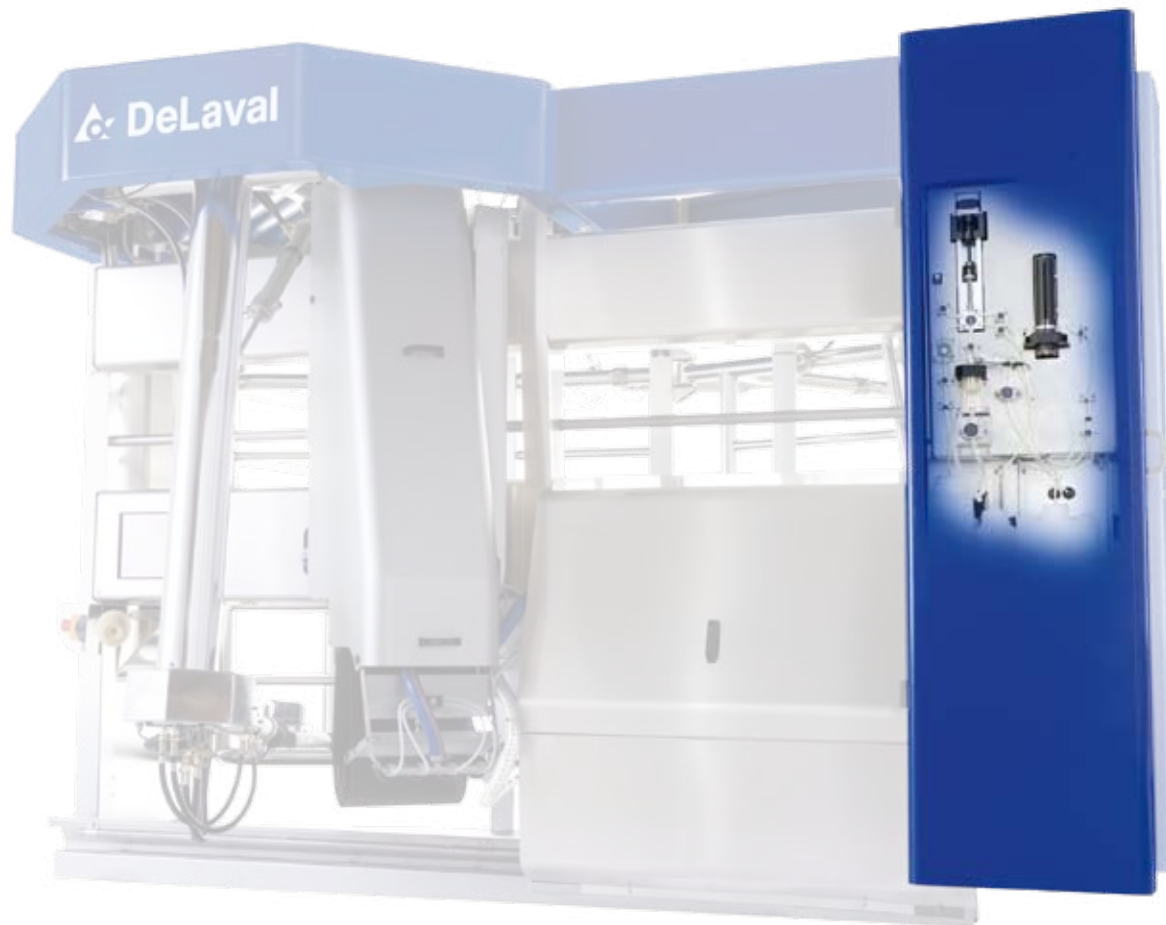




DeLaval online cell counter OCC





The power of knowing

Take the guess work out of modern dairy herd management and make the right decisions in time, every time. DeLaval online cell counter OCC is a new option available exclusively for DeLaval voluntary milking system VMS. DeLaval online cell counter OCC is the first true automatic somatic cell counter available for voluntary milking systems.

Total control

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 pro-active, 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.

Animal Number	Quarter (Cow/Cell)			SCC	Conductivity				Mastitis				% of Eng. Time		Milk Yield (kg)	Milk Fat (%)
	LF	RF	SCC		LF	RF	LF	RF	LF	RF	LF	RF	LF	RF		
1000	0.2	0.2	150	0.2	0.2	0.2	0.2	0	0	0	0	0	0	100	30	3.5
1001	0.2	0.2	150	0.2	0.2	0.2	0.2	0	0	0	0	0	0	100	30	3.5
1002	0.2	0.2	150	0.2	0.2	0.2	0.2	0	0	0	0	0	0	100	30	3.5
1003	0.2	0.2	150	0.2	0.2	0.2	0.2	0	0	0	0	0	0	100	30	3.5
1004	0.2	0.2	150	0.2	0.2	0.2	0.2	0	0	0	0	0	0	100	30	3.5
1005	0.2	0.2	150	0.2	0.2	0.2	0.2	0	0	0	0	0	0	100	30	3.5
1006	0.2	0.2	150	0.2	0.2	0.2	0.2	0	0	0	0	0	0	100	30	3.5
1007	0.2	0.2	150	0.2	0.2	0.2	0.2	0	0	0	0	0	0	100	30	3.5
1008	0.2	0.2	150	0.2	0.2	0.2	0.2	0	0	0	0	0	0	100	30	3.5
1009	0.2	0.2	150	0.2	0.2	0.2	0.2	0	0	0	0	0	0	100	30	3.5
1010	0.2	0.2	150	0.2	0.2	0.2	0.2	0	0	0	0	0	0	100	30	3.5
1011	0.2	0.2	150	0.2	0.2	0.2	0.2	0	0	0	0	0	0	100	30	3.5
1012	0.2	0.2	150	0.2	0.2	0.2	0.2	0	0	0	0	0	0	100	30	3.5
1013	0.2	0.2	150	0.2	0.2	0.2	0.2	0	0	0	0	0	0	100	30	3.5
1014	0.2	0.2	150	0.2	0.2	0.2	0.2	0	0	0	0	0	0	100	30	3.5
1015	0.2	0.2	150	0.2	0.2	0.2	0.2	0	0	0	0	0	0	100	30	3.5
1016	0.2	0.2	150	0.2	0.2	0.2	0.2	0	0	0	0	0	0	100	30	3.5
1017	0.2	0.2	150	0.2	0.2	0.2	0.2	0	0	0	0	0	0	100	30	3.5
1018	0.2	0.2	150	0.2	0.2	0.2	0.2	0	0	0	0	0	0	100	30	3.5
1019	0.2	0.2	150	0.2	0.2	0.2	0.2	0	0	0	0	0	0	100	30	3.5
1020	0.2	0.2	150	0.2	0.2	0.2	0.2	0	0	0	0	0	0	100	30	3.5
1021	0.2	0.2	150	0.2	0.2	0.2	0.2	0	0	0	0	0	0	100	30	3.5
1022	0.2	0.2	150	0.2	0.2	0.2	0.2	0	0	0	0	0	0	100	30	3.5
1023	0.2	0.2	150	0.2	0.2	0.2	0.2	0	0	0	0	0	0	100	30	3.5
1024	0.2	0.2	150	0.2	0.2	0.2	0.2	0	0	0	0	0	0	100	30	3.5
1025	0.2	0.2	150	0.2	0.2	0.2	0.2	0	0	0	0	0	0	100	30	3.5
1026	0.2	0.2	150	0.2	0.2	0.2	0.2	0	0	0	0	0	0	100	30	3.5
1027	0.2	0.2	150	0.2	0.2	0.2	0.2	0	0	0	0	0	0	100	30	3.5
1028	0.2	0.2	150	0.2	0.2	0.2	0.2	0	0	0	0	0	0	100	30	3.5
1029	0.2	0.2	150	0.2	0.2	0.2	0.2	0	0	0	0	0	0	100	30	3.5
1030	0.2	0.2	150	0.2	0.2	0.2	0.2	0	0	0	0	0	0	100	30	3.5
1031	0.2	0.2	150	0.2	0.2	0.2	0.2	0	0	0	0	0	0	100	30	3.5
1032	0.2	0.2	150	0.2	0.2	0.2	0.2	0	0	0	0	0	0	100	30	3.5
1033	0.2	0.2	150	0.2	0.2	0.2	0.2	0	0	0	0	0	0	100	30	3.5
1034	0.2	0.2	150	0.2	0.2	0.2	0.2	0	0	0	0	0	0	100	30	3.5
1035	0.2	0.2	150	0.2	0.2	0.2	0.2	0	0	0	0	0	0	100	30	3.5
1036	0.2	0.2	150	0.2	0.2	0.2	0.2	0	0	0	0	0	0	100	30	3.5
1037	0.2	0.2	150	0.2	0.2	0.2	0.2	0	0	0	0	0	0	100	30	3.5
1038	0.2	0.2	150	0.2	0.2	0.2	0.2	0	0	0	0	0	0	100	30	3.5
1039	0.2	0.2	150	0.2	0.2	0.2	0.2	0	0	0	0	0	0	100	30	3.5
1040	0.2	0.2	150	0.2	0.2	0.2	0.2	0	0	0	0	0	0	100	30	3.5
1041	0.2	0.2	150	0.2	0.2	0.2	0.2	0	0	0	0	0	0	100	30	3.5
1042	0.2	0.2	150	0.2	0.2	0.2	0.2	0	0	0	0	0	0	100	30	3.5
1043	0.2	0.2	150	0.2	0.2	0.2	0.2	0	0	0	0	0	0	100	30	3.5
1044	0.2	0.2	150	0.2	0.2	0.2	0.2	0	0	0	0	0	0	100	30	3.5
1045	0.2	0.2	150	0.2	0.2	0.2	0.2	0	0	0	0	0	0	100	30	3.5
1046	0.2	0.2	150	0.2	0.2	0.2	0.2	0	0	0	0	0	0	100	30	3.5
1047	0.2	0.2	150	0.2	0.2	0.2	0.2	0	0	0	0	0	0	100	30	3.5
1048	0.2	0.2	150	0.2	0.2	0.2	0.2	0	0	0	0	0	0	100	30	3.5
1049	0.2	0.2	150	0.2	0.2	0.2	0.2	0	0	0	0	0	0	100	30	3.5
1050	0.2	0.2	150	0.2	0.2	0.2	0.2	0	0	0	0	0	0	100	30	3.5

Milk quality and udder health

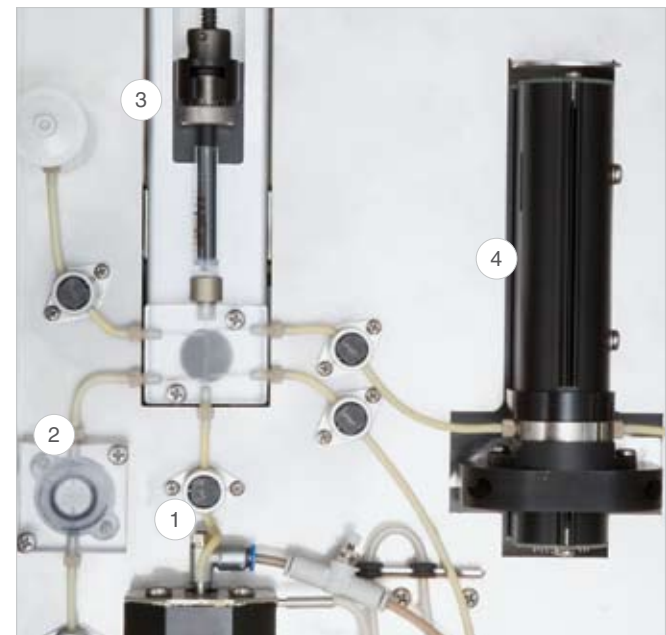
The focus on SCC as an important indicator for milk quality is growing around the world and many dairies pay a bonus for milk with a low SCC. A high SCC in the herd indicates a high number of mastitis cases. With DeLaval OCC, you can precisely identify acute mastitis cases and closely follow-up on sub-clinical 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.

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.

Knowledge is profit



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