

Convertible and Flexible

The IDC indicator and the accompanying power supply can be used as the basis unit of any milking parlour regardless the brand, and can be used in all parlour types: rotary, SwingOver, Herringbone or Side-by-Side. The IDC T Lite, which is a specially developed version for milk producers with tie-up stalls, can with advantage be used as the basis unit after the transition to a parlour system and the milk producer will be able to continue the use of the existing equipment.

The IDC family is a good investment and can be improved concurrently with a growing need. The IDC family will fill the need when growing from a minimalistic to the most advanced milking parlour system with management, feed management, separation, activity measurement, TouchScreen etc.

The IDC product range consists of:

- IDC 1, which is a "down-sized" milker-assembly remover with pulsator
- IDC 2, which is the basic module in the system – measurement accuracy +/- 5%
- IDC 3, which is an IDC 2 with an additional calculation unit, is an ICAR approved milk meter
- The IDC T Rail consists of an IDC 2 including Quickstart and an attached battery for use in tie-up stalls with a rail system. The IDC T Rail comes in a single or double version
- IDC T Lite, which is an IDC 1 or IDC 2 with an incorporated battery for tie-up stall operation



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SAC

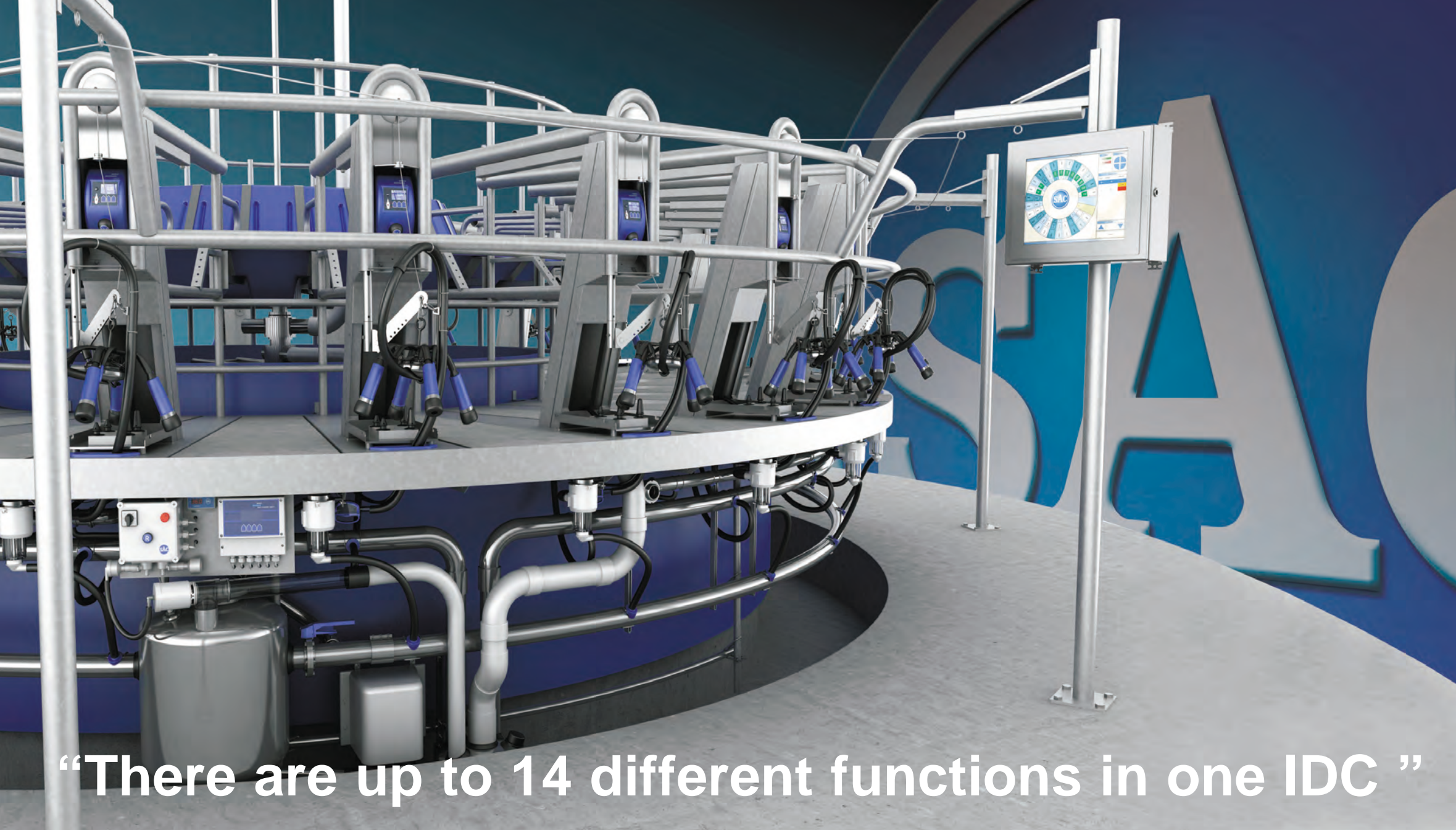
- for the cow, the milk and the milker...

ICAR approved

Cluster remover and milk meter

- for cows, sheep and goats





“There are up to 14 different functions in one IDC ”

6. Stop of pulsator with teat liner in open position at removal
7. Blockage of milk vacuum
8. Mastitis indicator (conductivity) at gland level
9. Temperature measurement
10. Handsfree start function at knee switch
11. Start function when attaching clusters
12. Graphic display
13. Alarm diode for temperature display and conductivity alarms
14. Large alarm diode for display of faulty milking

IDC: advanced with few moving parts
 The IDC unit is built very advanced and only contains few moving parts, which means that it is fast and easy to service. The module based construction principle, according to which the IDC milking place unit is constructed, ensures extensive flexibility. The product is always extendable, which means that a stand alone IDC-system is extendable with cow-identification and management system. Data collected in the IDC is made useful in the management system and data entered in the management system is made useful in the IDC milking place unit.

The milking place is infinitely extendable
 If information on cow-calendar dates is wanted in the milking places the system is extendable by a SACCOMATIC keyboard for each milking place or a SACCOMATIC keyboard that covers two milking places. Furthermore, it is possible to connect high tech milking place finger-touch screens to the milking places, which provides full overview of all milking places in one place. An "Alarm cow" will flash on the screen and a click on the cow provides immediate information on the cause for the alarm. The alarm might be caused by heat, separation milk, temperature, conductivity, low yield etc. Then a control of the cow is performed and subsequent cow separation is done. Especially in the external rotaries it is of great value to be able to be updated on cows that are out of sight by one look at the finger-touch computer placed at the rotary's entrance.

SAC's new milking place unit – MDS SACCOMATIC IDC – lives up to SAC's aim of creating a non sophisticated and clear work place, where the milker can concentrate on performing a good and consistent milking routine that ensures quality milk from healthy cows. The recipe is clear: - the technology only exists to support the milker's focus on the actual milking. Technology takes a step back and is only noticeable when it is necessary to provide the milker with information that requires immediate action during milking.

Common sense
 Externally the IDC presents itself as a well arranged and easily operated product for which the user manual might seem superfluous. Behind the IDC surface there is technology and know-how that is rooted in the cow's anatomy. This technology makes use of the most recent advances in parametric construction, industrial real-time communication systems, advanced sensor technology, micro processor based prints and not least a good portion of practical common sense and experience.

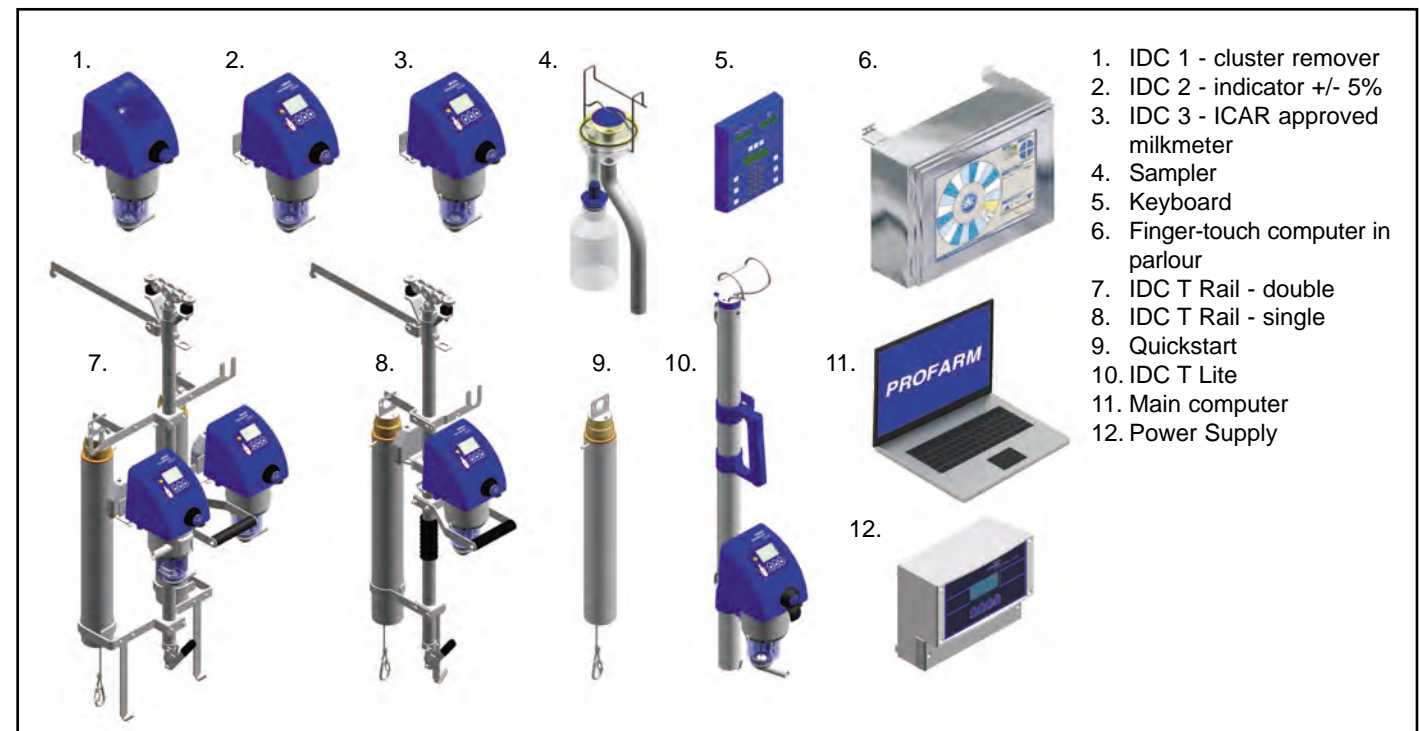
Milk flows undisturbed through the IDC
 It is important for SAC to introduce a product on the market that is sustainable in its basics, concerning material use, energy use, service need and possibility for future extensions. At the same

time the MDS SACCOMATIC IDC contains the most up-to-date opportunities for completing quick and gentle milking of the cow, goat or sheep without putting unnecessary strain on the milker. The milk flows undisturbed through the machine and to the cooling tank without deterioration in milk quality.

A safe basis for making decisions
 The MDS SACCOMATIC IDC is a milking unit that is fitted to the milking place ensuring milking, removal, data collection and delivery of the necessary information. The milking place unit can be connected to a recently developed management system that continuously collects and treats data from the milking place. With the milking place unit IDC and the management program Saturnus, the milker and the operations manager get a fully integrated system that provides a safe basis for making decisions .

The milking place unit IDC consists of a unit containing the following functions:

1. Pulsator
2. Cascade pulsation
3. Flow-controlled stimulating pulsation
4. Automatic control of correct pulsation in the milker assembly
5. Cluster remover



1. IDC 1 - cluster remover
2. IDC 2 - indicator +/- 5%
3. IDC 3 - ICAR approved milkmeter
4. Sampler
5. Keyboard
6. Finger-touch computer in parlour
7. IDC T Rail - double
8. IDC T Rail - single
9. Quickstart
10. IDC T Lite
11. Main computer
12. Power Supply