

CONTROL TECHNOLOGY

iCONTROL - THE CENTRAL BRAIN OF YOUR MILK COOLING TANK

The **iControl** stands for intelligent software, recording information and a clear and simple interaction between the dairy farmer, the milk cooling tank and the milking parlour or robot(s). The iControl records all the parameters and logbook data.



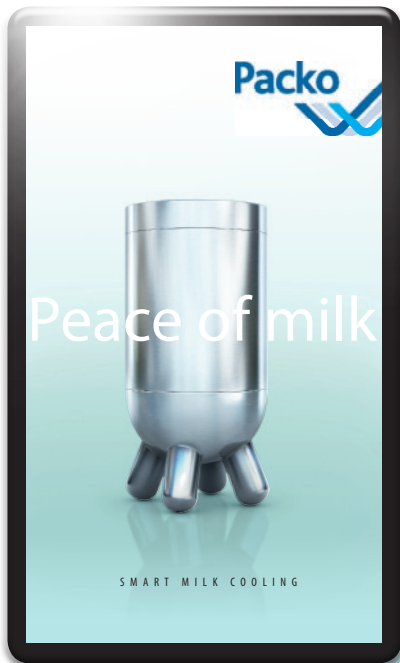
Four main menus contain all the functions

A robust, high resolution 7" touch screen guarantees simplicity of operation

Screen with continuously active display of your tank status

Milk quality protection

- **Cool safe** – Permanent monitoring of important parameters such as the temperature of the milk and cleaning water, duration of cooling, cleaning and the stirring function, resulting in the best quality monitoring.
- **Visual and audible alarms** on iControl or via text message (optional) give quick warnings for taking rapid action.
- **Check cooling** - extra protection check whether the cooling is turned on during milking. This ensures that the milk is always cooled.



Control via Web and App

If the iControl on your tank is connected to the internet, your installation engineer can inspect the operation of your milk cooling tank online.

In the event of any problems arising, he can remotely decide whether on-site intervention is necessary. This results in receiving help in the most efficient manner and avoiding unnecessary costs.



Intelligent cooling and cleaning

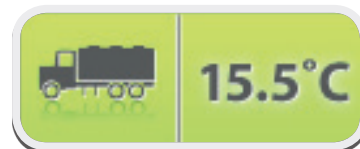
- Two temperature probes where one can take over the other one in case of a defect or an excessive deviation.
- When a defect of an agitator or compressor in tanks with multiple agitators and compressors, the other will continue to function so that the cooling and stirring remain assured.
- Automatic start of the cooling as well with traditional milking (*via a level probe*) as robotic milking.
- Alarm if the cooling is not switched on during milking.
- During cleaning there is an automatic control of the amount of water, the cleaning time and the water temperature.
- Possible to integrate a waiting period for the start of the warm cleaning step in case of a lack of warm water.

Controlled cleaning

The unique Fullwood Packo cleaning system prevents the deposit of hazardous vapours after cleaning the tank. Therefore the milk is never contaminated by the remains of cleaning agents.

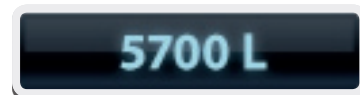
Data exchange

Each milk cooling tank has a unique ID, installed on an SD card resulting in fast and easy data exchange.



Oculus tank guard

The Oculus tank monitor is integrated into the iControl. The tank guard checks for optimum operation of the iControl by monitoring the cooling and cleaning cycles and also the stirring detection. All the data is logged and can be consulted via user-friendly tables and graphs.



Pacap volume indicator

The Pacap volume indicator is also integrated into the iControl. Pacap displays the number of litres of milk in the milk cooling tank.

The volume can be read off in tables or on graphs.

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Subject to modifications. Not contractually binding document.

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