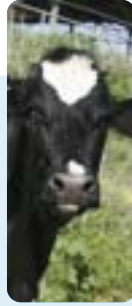


AfiLite™



AfiLite™

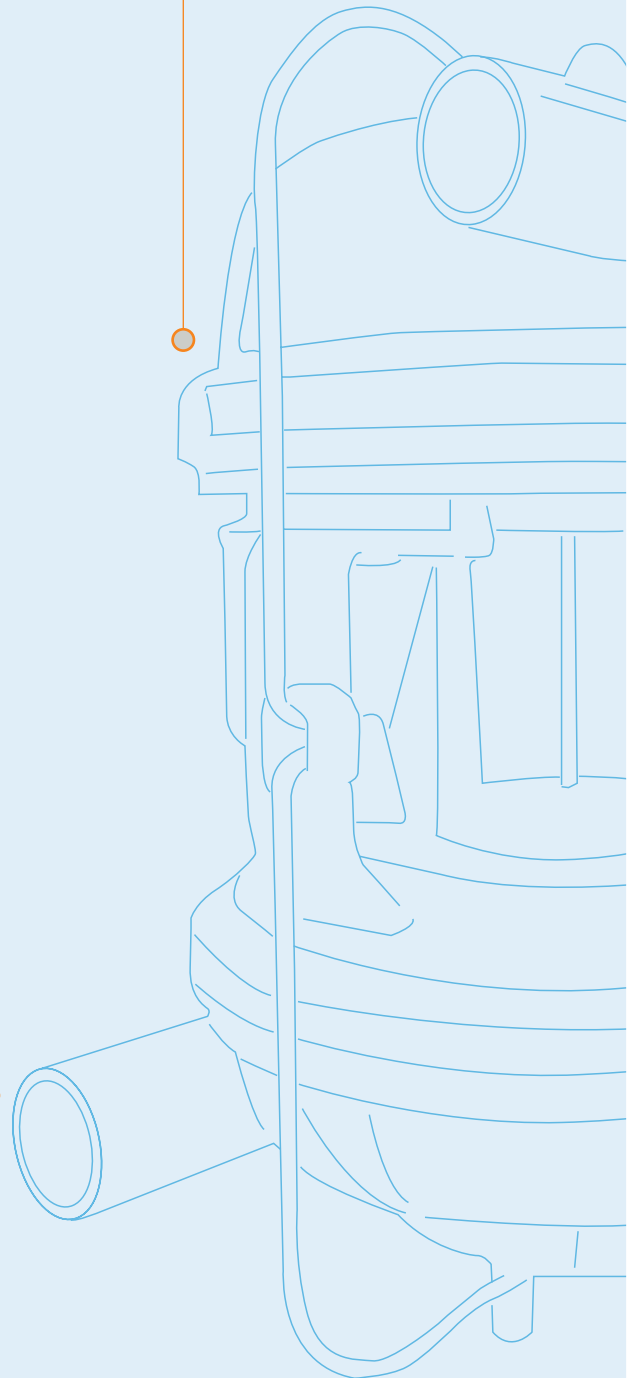
Milk Meter for Precision Milking

Milk Meter for Precision Milking

Simple to use – smart performance – the **AfiLite**, ICAR* approved, milk meter gives the farmer full control of the milking station. It interfaces with the **AfiMilk** management system for collecting valuable data, and displays vital information relevant to the farmer in the milking parlor.

Thousands of satisfied customers testify that installing **AfiLite** in their milking parlors has improved their operations significantly.

*International Committee for Animal Recording



afimilk™

The Heart of the Dairy Farm

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AfiLite

Main Features



Milk Yield

AfiLite measures the milk yield very accurately according to ICAR standards. It is built to cope with high milk-flow rates and offers the required protection against damaging vacuum fluctuations.



Conductivity

The measurement of conductivity is the basis of a unique mastitis detection algorithm implemented in *AfiMilk*.



Other Measurements

Attachments, flow rates, milking curve and milking times are gathered for valuable information about the operation of the parlor as well as the milking procedures adopted for your herd.



Cluster Removal

Provides an accurate, adjustable algorithm for automatic stoppage of milking when milk flow decreases, and timed vacuum closure for smooth release of the cluster from the udder.



Pulsation

Enables two methods of controlling pulsation per stall. Basic control allowing adjustments of rates and ratio or automatically adjusted pulsation according to the flow of milk. With *AfiLite* controlling your pulsators, pulsation is stopped when the cluster is detached, thus extending the life of your milking equipment, pulsators, and liners.



Stimulation

Supports pre-milking stimulation.



AfiLite



Modular Unit

Suitable for installation on any type and brand of milking platform.



Small Volume Measuring Chamber

Requires minimal volume of cleaning water.



Maintenance

Low cost preventive maintenance only requiring annual replacement of silicon gaskets.



Tubing

Available in either 5/8" or 7/8" inlets.



Accessories

An array of efficient, low cost vacuum/air operated vacuum shut off valves are also available.



AfiLite Control Panel



AfiLite™



AfiLite Control Panel

The **AfiLite** control panel serves as the farmer's interface with the **AfiMilk** system giving the farmer vital information relevant to the cow being milked at the milking point. It displays an array of individual animal data and enables messages to be sent by the operator to the **AfiMilk** system. The device is a plug-in ultrasonically sealed unit designed to withstand the wet environment of milking parlors. It can be equipped with an optional external start button to enable quick activation of the milk meter.



TM

AfiLite

The Control Panel displays:



Cow Data

Cow's number is displayed and additional data may be accessed. This data, replaced by milk weights when milking starts, can be retrieved at the touch of a button.



Health Codes - Adjustable levels of alerts code!

- High level codes for preventing milk with Colostrum/Antibiotics/High SCC from entering the milk tank.
- Coded health alerts for indicating special attention or required treatments.



Kick-Off Alert

The unit alerts when yields are lower than the expected level.



Mastitis Alert

Real-time parlor alert when probability of Mastitis is high.



Fault Alerts

Alerts that equipment at the milking point is faulty.



Messages

Enables messages to be sent from the milking point to the PC.



Keyboard Locking

Start button may be locked for cows assigned with high level codes thus preventing contaminated milk from entering the milk tank. The keyboard can only be unlocked using a password.