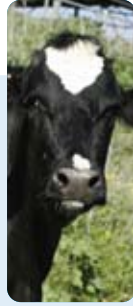


AfiLab



AfiLab™

Real-Time Milk Analyzer

What is AfiLab?

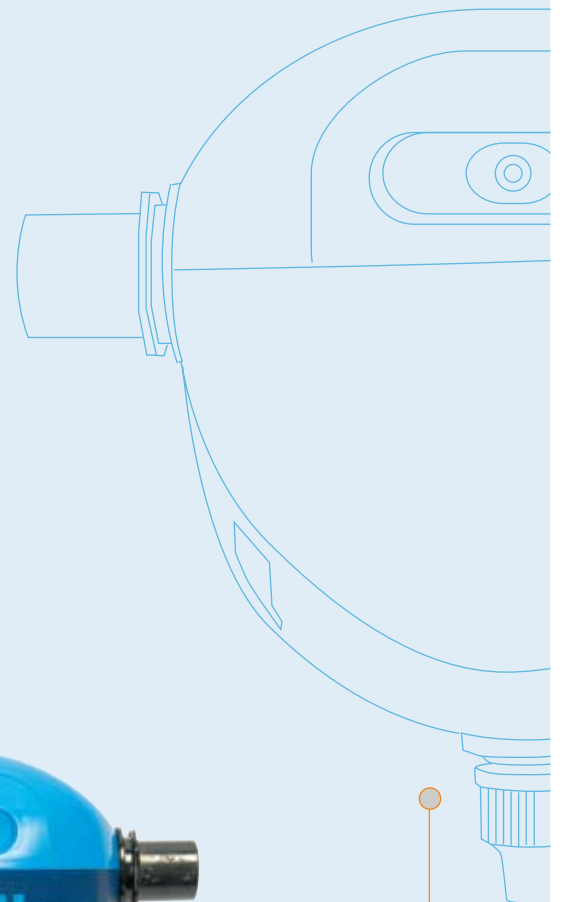
AfiLab, an innovative real-time milk component analyzer, is an efficient device from the comprehensive AfiMilk family of products.

AfiLab analyzes dairy cow milk components and continuously collects vital data relating to every individual cow at each milking session. Installed at every milking point between the milk meter and milk collection line, AfiLab is in direct communication with the dairy's computer, thus collecting vital information about milk composition and enabling decisions in real time.

AfiLab daily milk component measurement device enables the dairy farmer to improve milk production through early identification of feeding and health problems.

What can AfiLab do for the dairy farm?

AfiLab's real-time analysis adds a new dimension to dairy farming. Virtually self-operating, AfiLab provides on-line analysis used for optimizing feeding, monitoring herd health via timely alerts, and for raising milk processing efficiency – all of which delivers the added value to ensure that farm owners gain a competitive edge in their operations.



afimilk®
The Heart of the Dairy Farm

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AfiLab



○ **AfiLab Features:**

AfiLab automation transforms dairy farming into advanced dairy farm management.

AfiLab provides:



Milk Component Measurement

Measures fat, protein and lactose content



Quality Control Alerts

Identifies the presence of blood, allowing Afimilk to immediately discontinue milking when blood is detected



Optical Free Flow Technology

Uninterrupted measurement of milk components

- No moving parts or milk flow obstructions
- No reagents or other costs for measurement



Real Time Measurement

Analyzed data is available to the dairy manager inside the Afimilk system when the cow leaves the parlor

○ **Customer Benefits:**

AfiLab - an indispensable management device for more profitable dairy farming

- Improved feed versus production efficiency and herd health
AfiLab provides milk component data used for monitoring feeding strategies and for early detection of nutrition problems.
- Timely detection of milk composition changes
Enables early identification of health problems including:
Negative energy balance, Acidosis, Low fat syndrome, Mastitis
- Superior quality milk - Today the system allows preventing blood contaminated milk from entering the bulk tank. In the future, it will also enable the supply of premium milk according to creamery' needs.
- Clean Measurement - No reagents additives required. Measurements at no cost
- Full Automation - Milk analysis is performed without human interference
- Reduced Maintenance Costs - No moving parts and simplified cleaning procedures
- Easy to wash - with the standard circulation system

afimilk[®]
The Heart of the Dairy Farm

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