

International Dairy Topics

Volume 7 Number 5 (2008)

Practical information for progressive dairy professionals

NUTRITION

*Calf rearing for
highly productive cows.*

COCCIDIOSIS

*Farm study identifies
impact of this disease.*

MASTITIS

*To combine or not
to combine antibiotics?*

VACCINATION

*Prevention and control
of respiratory disease.*

FEED ADDITIVES

*Head start strategies to
improve performance.*

PARLOUR EQUIPMENT

*We look at options
from around the world.*



Innovative technology for automatic washing

Polish company Polanes Milking Systems have used innovative technology to produce Aquatronic for use in milking parlours. The device includes two main components – the Aquatronic controller and the Aquabox unit.

The Aquatronic controller is the main part of the automatic washing system and controls not only the Aquabox unit but also other compo-

operates several cows at a time. The Milktop system controller analyses information about milk flow with the help of the IQ sensor and milking is carried out automatically.

Functions of the Milktop IQ controller include:

- Measure of total milk yield.
- Stimulates and checks pulsation.
- Take off the milking apparatus.
- Control milk yield per minute.
- Supervise milking apparatus drop.

Additionally, it can be combined with the Infodex milk production control programme and cows' identification system.

The Infodex milk production control allows:

- Proper selection of the weakest cows in a herd.
- Rational reaction to the cows' nutrition needs.
- Reaction in due time to the fall of milk yield.
- Notice of disease symptoms.

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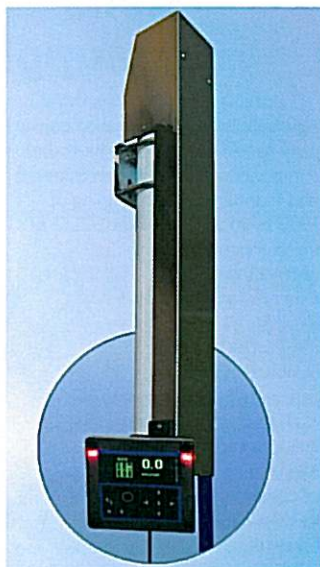


nents participating in the correct cleaning process. The device includes the option of automatic cleaning and a list of pre-set programmes. There is also the possibility to create and adjust the programme to suit individual needs. The controller can be programmed with the help of wireless communication.

The Aquabox unit, depending on the length of pipeline as well as the number of clusters, is of 100, 150 or 200 litres capacity. It can be equipped with a water heating system of 24kW. It has got two pumps dosing cleaning agents and a milking/cleaning switch in its standard version.

Polanes' multifunctional milking controller Milktop IQ has also been created for use in milking parlours.

This device is especially useful in larger installations where one milker



Improve your margins and animal welfare

For 30 years SAE Afikim has been at the forefront of dairy farm automation and is a leading manufacturer of computerised systems for dairy farm management, developing the most advanced software and state of the art sensors.

Over 1.5 million cows producing 10 billion litres of milk per year on more than 5,000 dairy farms in more than 50 countries are managed with their leading afimilk system.

The afimilk system is the heart of the modern dairy farm and provides automation for all types of milking parlours – rotary, herringbone, parallel, swing over and tie stall, with either individual stall or entrance

identification. From single components or modules to complete turnkey dairy projects, Afikim has the answer.

Other products available from SAE Afikim include:

- Afilab. A mini-laboratory for the milking parlour that performs on-site, real time analysis of milk components.
- Pedometer plus lying tag in addition to heat detection.

This provides control of animal welfare by measuring the lying time and frequency per animal and other factors related to herd restlessness. It is the first and only one of its kind in the world.

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