



# Dairy Management Solutions

Advanced, comprehensive  
and integrated animal  
management systems.





Micro Technologies is the leading provider of advanced, comprehensive and integrated animal management systems and solutions for dairy producers. Since 1971, Micro Technologies has established an unparalleled track record of delivering meaningful technology solutions based upon a business philosophy centered around three key principles: Innovation, Value Creation and Service.

- Our track record of innovation includes having made more than 20 useful inventions for animal agriculture. Our ongoing commitment to innovation is supported by an extensive patent portfolio and continuous investments in research and development, providing a technology-based growth path that offers more capabilities as you are ready for them.
- We create value for our customers, across the dairy supply chain, through the use of proprietary, integrated management systems and processes that increase the value and reduce the cost of producing the animals you manage, while assuring quality, food safety and consumer wholesomeness.
- We are dedicated to providing exceptional customer service through a highly committed and expert technical force that implements specialized programs and provides same-day service, 365 days of the year.

## We are Passionate About Making a Difference!

*Challenge the status quo.*

Innovation | Value Creation | Service

The value of this philosophy is evidenced by our having achieved very long-standing customer relationships. Our team is driven to understand and provide solutions to the dynamically changing needs of your business. We look forward to working with you!



800.858.4330



[microtechnologies.com](http://microtechnologies.com)



Micro Weigh System®  
Micro Ingredient  
Delivery System



PRO-CONTROL® PLUS  
Feed Batching System



SCR HEATIME®  
Heat Detection and  
Rumination Monitoring



CUBEX® QBud Station  
Wireless/Digital Inventory  
Management

# Micro Weigh System®

## Micro Weigh System® Micro Ingredient Delivery System

The Micro Weigh System for precision micro ingredient delivery helps dairymen save money and optimize performance potential by ensuring each cow receives the micro feed ingredients it needs, providing for flexible diet delivery among lactation groups, while controlling inventory and reducing shrink.

### Accuracy

- Liquid and dry micro feed ingredients are accurately measured within 0.5 grams and delivered with the TMR, ensuring consistency in every bite of feed
- Each load of feed can be customized to the nutritionist's specifications and provide the exact diet desired for each stage of lactation, or to respond to changes in environmental factors

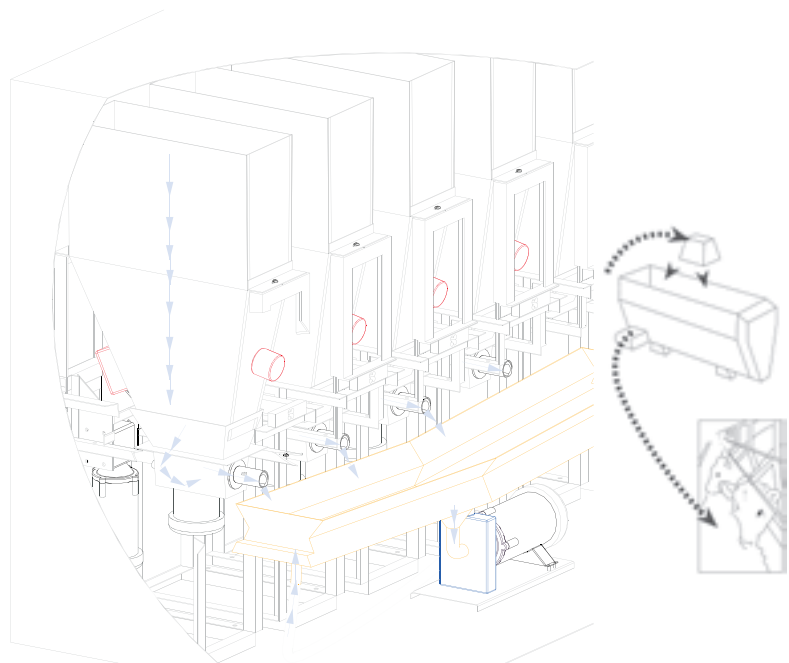


### Cost Efficiency

- Closed micro feed ingredient storage and delivery system minimizes shrink
- Daily and batch to batch ingredient reports provide for accurate and efficient inventory management

### Flexibility

- Gives you the ability to utilize micro feed ingredients at the right level in each diet. This feature ensures you provide the right micro ingredients to the right animals at the right dose.





# PRO-CONTROL®



## PRO-CONTROL® PLUS Feed Batching System

PRO-CONTROL PLUS manages individual macro ingredients in the production of finished diets. This computerized system improves the accuracy and speed of diet composition.

### Accuracy

- Produces accurate and consistent diets
- Built-in Statistical Process Control (SPC) provides a method of quality control and precision management using statistical analysis

### Cost Efficiency

- Improves feeding efficiency, saving time and reducing costs

### Operational Efficiency

- Remote monitoring system available via a mobile device

### Features

- **Built in statistical analysis**
  - Includes filter by loader operator
  - Easily identifies variances and how to minimize them
- **Automatic dispensing of ingredients**
  - Auto-dispensing of liquids, micro ingredients and dry ingredients from overhead bins into mixers
  - Each system is custom configured to best fit your feed manufacturing process

- **Stationary mixers**

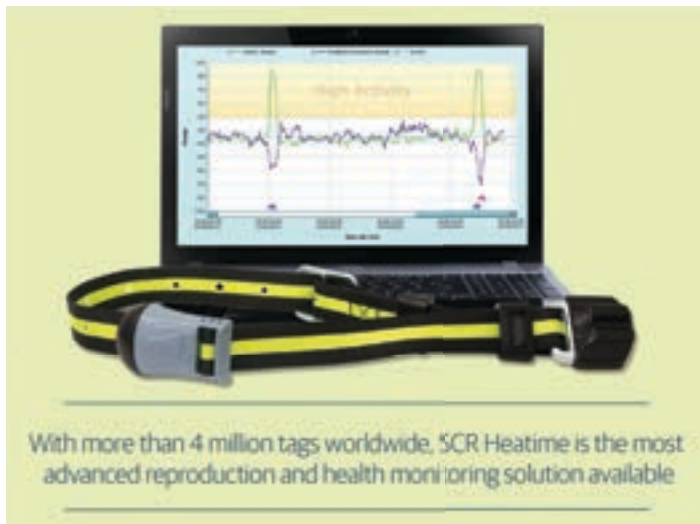
- Automatic speed control, turned off when prescribed over-mix time is expired, auto-dumped at the touch of a button
- Many built-in algorithms and related tools to optimize speed and accuracy

- **24/7 support**

- **Interfaces to most feed management systems**

# SCR HEATIME®

## SCR HEATIME® Heat Detection and Rumination Monitoring



Boost your productivity and your peace of mind with the most comprehensive, stand-alone real-time cow health and reproduction monitoring system available.

With its unique combination of activity and rumination monitoring, the SCR Heatime system enables you to quickly and accurately evaluate the reproductive, health, nutrition and well-being of your cows.

With built-in advanced applications that provide timely and actionable insight, you can confidently make better-informed decisions about more aspects of your herd and farm management. You can boost productivity, reduce costs and gain more control of your dairy farm operations.

### Benefits

- **Heat:** SCR Heatime systems detect tens of thousands of heats every day, worldwide. Now, pregnancy probability reports boost reproduction management even further.
- **Health:** Our solutions monitor the health of millions of cows each day and provide actionable management tools.
- **Nutrition:** Insight into ration and nutrition issues at the group level enables timely attention to problems.

### Features

- **ProColve™:** A new set of real-time alerts before and after calving time that provide you with unique insights into the calving period.
- **Real-Time Group Routine Application:** Real-time updates highlight unusual activity or rumination at the group or herd level pointing to issues such as illness, group panic, stress and more.
- **HealthyCow24®:** The SCR cloud-based service supports Heatime users with mobile and web applications. It enables seamless connectivity with third-party systems and data backup capabilities.



# CUBEX®



## QBUD STATION Wireless/Digital Inventory Management

CUBEX QBud Station is a wireless, digital inventory management system for animal health products and many other consumable supplies.

### Cost Efficiency

- Eliminates emergency orders and stock-outs
- Automates inventory management using existing shelving or coolers

### Quality Assurance

- Enhances visibility to inventory usage with user-friendly reporting

### Accuracy

- Improves inventory accuracy with wireless automation technology
- Integrates with additional Cubex technologies to automate 100 percent of animal health inventory

### Operational Efficiency

- Reduces manual processes by automating supply tracking and reordering



### How it Works

QBud is a wireless, radio frequency device that tracks inventory usage. Equipped with Cubex's Push-to-Take technology, QBuds can be placed in multiple locations throughout the facility to automate all inventory transactions.



#### 1. Supplies accessed

Users press a button when removing supplies. Inventory levels and usage are tracked.



#### 2. Supplies reordered

Items that reach minimum levels are reordered via the Internet from MWI Animal Health.



#### 3. Supplies delivered

Your MWI Animal Health receives orders from Cubex and delivers the requested items for restocking.



#### 4. System stocked

Supplies are quickly restocked back to maximum levels by utilizing a restock ID number.



Where knowledge,  
reach and partnership  
shape healthcare delivery.