

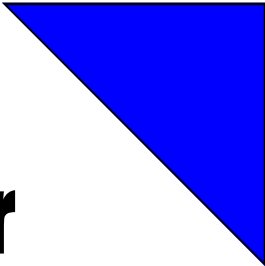
**SmartBolus™**



# SmartBolus™

Wireless Health Monitoring for Dairy Cows





# A new window into a cow's health

# **SmartBolus™ Health Monitor**

### **Temperature**

By taking temperatures throughout the day and night illness can be spotted that much quicker. The sooner illness is addressed the greater the chance of a quick and complete recovery.

### **Motion**

Heat detection can help improve pregnancy rates.

### **Calving Alert**

Combining temperature and motion it is possible to provide an imminent calving alert. Keep a closer watch on those cows about to give birth.

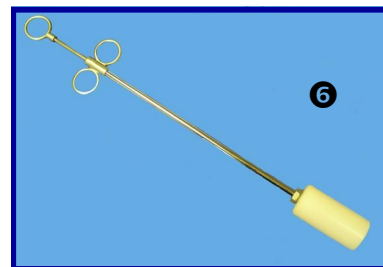
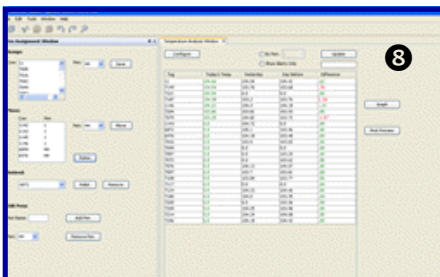
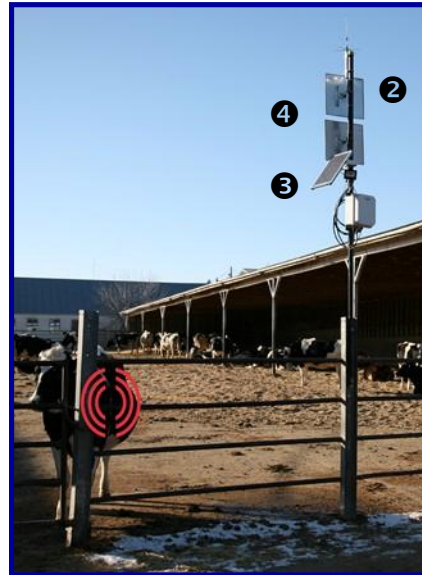


# SmartBolus™

by  
**TenXsys**



- ❶ Bolus remains in the cow and protected.
- ❷ Active bolus technology enables monitoring from multiple locations.
- ❸ Solar powered repeater makes installation easy.
- ❹ Cow to repeater range is up to 400 feet.
- ❺ Office PC can be up to 2 miles away.
- ❻ Standard balling gun with custom sleeve for inserting bolus.
- ❼ DHI-Plus Software integration.
- ❽ Exception Reporting Software.



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## Specifications

### Internal Monitoring:

With internal monitoring of your cows you don't have to worry about collars or patches getting caught or knocked-off.

### Close-up and Hospital Coverage:

Because SmartBolus™ uses active technology, it transmits temperature and motion data at intervals throughout the day and night. So long as it is within range of a repeater you are not restricted to reading the data from a particular location like the parlor.

**Convenience of Temperature, Motion and Calving Alert in one unit.** The SmartBolus™ product can offer these capabilities in one unit. With exception reporting you only need to spend time looking at cows that are noted as having unusual readings.

Bolus Life	4 years
Bolus Range to Repeater	Up to 400 feet
Repeater Range to PC (office)	Up to 2 miles
Bolus Size (approx)	4.3" (L) x 1.3" (dia.)
Maximum number of boluses per system	Effectively unlimited
Temperatures per day	Up to 96
Repeater power	Solar or 120 volt AC
PC requirements	Pentium, Windows XP, USB

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