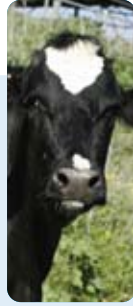


Pedometer



# Pedometer™

AfiTag

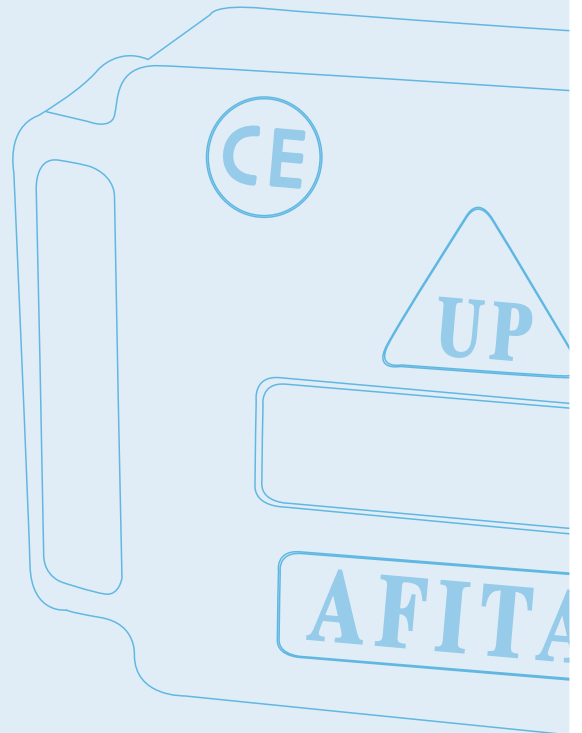
## **ID and Pedometer**

AfiTag is the first commercial pedometer marketed worldwide. AfiTag serves two purposes – cow identification and activity measuring.

The AfiMilk heat detection module is based on scientific researches, which show the correlation between cow activity and its estrus. Continuous improvements brought the AfiTag heat detection system to perfection.

AfiTag incorporates a device that counts the cow's steps and sends this data to the AfiAct estrus detection module in the PC, where it is analyzed to indicate cows in heat.

AfiTag is an active component (including internal battery) designed for longevity on the cows' legs. AfiTags may be transferred between cows in the farm, making them a cost effective devices for heat detection.



**afimilk®**  
The Heart of the Dairy Farm

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# Pedometer

## **AfiTag Pedometer – An Extra Set of Eyes**

**What makes the AfiTag one of the most efficient and cost effective methods of heat detection?**

The answer to this question is its high reliability and economic advantage. Lehrer et al., 1992, Pennington (1986) reported efficiency of visual observation at 45% and for pedometers at 78% to 96%. Other studies conducted in the USA compared various breeding methods showing that use of the pedometers resulted in lower cost per pregnancy compared with Presync, Ovsync and visual detection.

Afi systems users testify for a great improvement in herd fertility since the employment of the Afi heat detection system. Statistically, after starting to work with Afi heat detection, dairies reduced involuntary waiting period averages by 13-25 days, relying on the Afi heat detection totally.

Bill Basson (South Africa) states: "After starting to use the pedometer we have done no heat spotting at all, every single cow goes through the computer."

Thus, the AfiTag Pedometer is an excellent investment for both large and smaller dairy farms. The improvement in fertility of the herd pays for the cost of the system in a very short period.

