AfiFlo 9000

The S.A.E. Afikim AfiFlo 9000 milk meter is the state-of-the-art milking system. As part of a computerized system, the AfiFlo 9000 performs many tasks essential to a profitable dairy. AfiFlo abilities are in three categories:

• Measuring. AfiFlo 9000 measures the milk yield and milk conductivity.
• Operation. AfiFlo 9000 performs automatic cluster removal and allows milkers to control other applications such as pulsation, gates, etc.
• Communication. AfiFlo 9000 enables information and data exchange with the computer.

For the most part, the measuring and operational aspects of AfiFlo 9000 are automatic. However, the communication aspect is multi-faceted. The communication:

• Enables milkers, while still in the parlor, to monitor information about the cows. Based upon up-to-date information, milkers and herd managers can make immediate decisions pertaining to milking and treatment of a cow.
• Alerts milkers to irregularities in milking performance. Significant deviations in milking performance also help provide an early alert for mastitis.
• Displays codes. Some codes alert to milkers to divert milk from the main milk line. Other codes are reminders needed cow treatment.
• Enables milkers to send messages to the computer. Messages can serve either as a personal reminder or as communication to the herd manager.

The Control Panel

The AfiFlo 9000 milk meter control panel is essentially a computer terminal. Milking operations are controlled from it and all cow information can be viewed in the display. It is thin and compact. Below is a picture of the AfiFlo 9000 display. Call outs are defined below the picture.

1. Milk yield field
2. Upper row of data icons
3. Upper LCD row
4. Lower LCD row
5. Default data icons for lower LCD row
6. Breeding information icons
7. Feed data icons
8. Gate control keys
9. Field select key
10. Number pad
11. Enter key
12. Cow number field
13. Codes display
14. Pulsation and strip display
15. Scroll key
16. Automatic Cluster Removal Cancel key
17. Stop key
18. Start key
19. Cleaning Mode key