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.

| 2. Upper row of data icons | 7. Feed data icons | 12. Cow number field | 17. Stop key |
| 5. Default data icons for lower LCD row | 10. Number pad | 15. Scroll key |