MM95

The S.A.E. Afikim milk meter (MM95) is an automatic milking machine, as well as a measuring tool and a database interface to the milker.

The milkmeter is designed to measure both the quantity of milk each cow yields, and the milk conductivity (for an early detection of mastitis). It gives you precision in automatic cluster removal, and allows monitoring of some of the cow data in the milking stall.

The milkmeter can be configured either as a stall milking machine working in a stand-alone mode, or as a part of a computerized **"AFIMILK"** system, in which it transfers milk measurement data to the computer (the **"AFIMILK"** system builds a database for each cow), thus allowing the monitoring of cow data in the milking stall.

The MM95 terminal operates as a controller for starting and stopping the milking process. In addition, it is used for displaying useful data concerning the milked cow, such as the cow number, milk flow-rate and milk conductivity, health codes, and in some configurations calving data.

- A specially designed algorithm allows better measurement accuracy in very fast milk flows (fast cows).
- A better protection against current overload on outputs.
- All the operation parameters can be controlled and set by an installation technician. (Parameters like the pre-milk time, flow rate for A.C.R., cleaning mode sequence and more).
- Default set of parameters may be loaded from memory.
- All the parameters are set via the keyboard.
- A memory saving device for short power breaks allows milking continuation after power breaks or power fluctuations.
- An option for the control of strip function.
- An option to connect output signal to a gate controller allows gates manipulation from every stall (from the milkmeter's keyboard).

Data Monitoring

Configured in an E.S. system of the AFIMILK module, the farmer may monitor some extra information at the terminal display regarding the cow being milked at the stall.

- Cow number is displayed after identification.
- Health codes may be monitored upon request (pressing
- appropriate key).
- The following lactation dates may be monitored upon
- request:
- Days in lactation.
- Calving date.
- Insemination date.
- Pregnancy status.
- Days after heat.