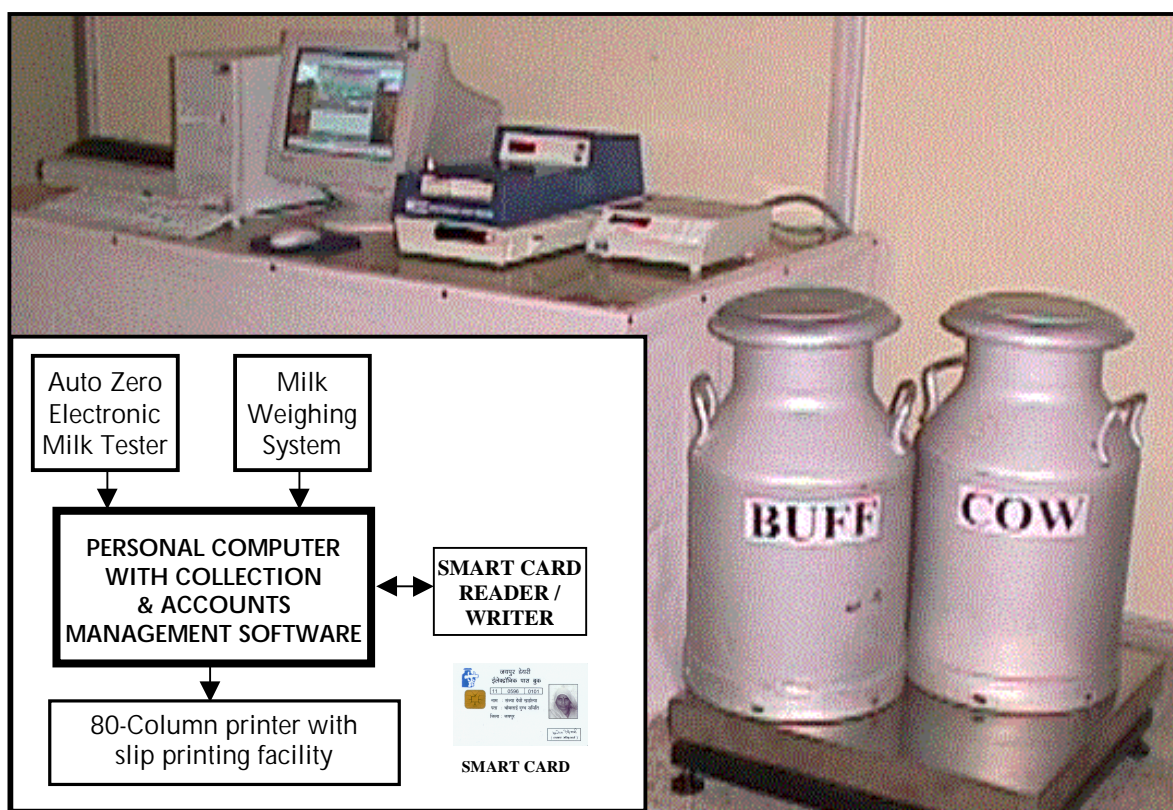


SMART AUTOMATIC MILK COLLECTION STATION (SAMCS)



SYSTEM DESCRIPTION:

The Smart PC Based Milk Collection Station is specially designed integrated system, which is a combination of several units viz; AZ Electronic Milk Tester, Milk Weighing System, Personal Computer with smart card reader / writer & 80-column Printer. It is integrated with software support for milk collection and Society Accounts Management.

The system is suitable for instant weighing of the Milk, measurement of Fat content and calculating the amount payable to the member based on Fat & Weight. The smart card serves the purpose of member identification and acts as an Electronic Pass Book for the member wherein his/her milk transaction data is stored. The system can also be used later for maintaining the complete records of the collection centre together with details of all transactions of the village co-operative society.

This system can perform 120-150 operations in an hour. The sequence of operation require, insertion of smart card, pouring of milk in a weighing container, collection of milk sample at the time of pouring, measuring of fat content, calculation of payment and printing of payment slip.

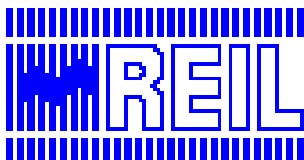
FEATURES:

- PROPER AUTHENTICATION AND IDENTIFICATION OF THE MEMBER FARMER USING SMART CARD WHICH IS ALSO AN ELECTRONIC PASS-BOOK FOR THE PAYMENT CYCLE.
- INSTANT MEASUREMENT OF FAT, WEIGHT & CALCULATION OF AMOUNT PAYABLE.
- INSTANT PRINTOUT OF FAT, WEIGHT & AMOUNT PAYABLE.
- CENTRALISED TESTING & PAYMENT.
- PRINTOUT OF SHIFT END / TEN DAYS / MONTHLY / YEARLY SUMMARY.
- COMPUTATION OF THE ACTIVITIES OF THE SOCIETY IN A COST EFFECTIVE MANNER.
- PROVIDE A HIGHER DEGREE OF AUTOMATION.
- REPRESENTATIVE REPORTS :
 - SOCIETY REPORTS
 - MEMBER REPORTS
 - SHARE REPORTS
 - MILK COLLECTION REPORTS
 - INVENTORY REPORTS
 - BUSINESS ASSOCIATES REPORTS
 - SERVICE REPORTS
 - ACCOUNTING REPORTS

TECHNICAL SPECIFICATIONS:

MEASURING RANGE

WEIGHT MEASUREMENT	:	0 -100 Kg.
FAT MEASUREMENT	:	0 -13%
MEASURING CAPACITY	:	120-150 OPERATIONS / HOUR
POWER SUPPLY	:	AC: 220-240V, 50HZ



For further information contact:

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