Eko Bond 5 in 1

STIPL
Since 2006

EkoMilk Ultra Pro, Digital Stirrer, Data Processing Unit (DPU), Weighing Scale, Thermal Printer

All in **ONE**
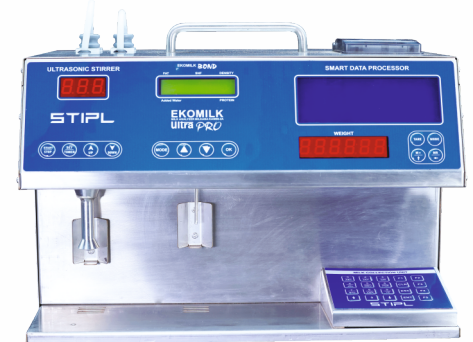
PRODUCT SPECIFICATIONS

Fully indigenous and fastest Milk Analyzer having measurement time of 27 seconds with in-built Stirrer and Data Processing System (DPS).

- Cloud connectivity - Remote access to devices and centralized monitoring.
- Multiple weighing scale selection and manual settings entry option.
- Various reports like collection, customer and collection summary.
- Provision for various types of bonuses entries.
- SMS Alert - collections and shift Summary.
- Low voltage battery cut off for extended battery life.
- RS232/USB port for computer interfacing
- Facility to create rate chart.
- Manual cleaning option by using Plunger

FUNCTIONAL SPECIFICATION

EKOMILK®
Bond

Data Storage	1000 Customers per shift
Weighing Scale	Auto Tare, Ltr. conversion and Adjustable Decimal Point Auto confugurable Baud Rate
Milk Collection Type	Code base OR Fat limit base
Cumulative Total	Cumulative Total in slip , 10 Days / 15 Days / Monthly
Protection	Password Protection at various stages
Rate Chart	Auto generation, Based on FAT, FAT-SNF & FAT-CLR Import and Export through Pen Drive - CSV format
Data & Reports	CSV format Export to Pen drive
Data Transfer	Farmers data Transfer To Pen drive via USB port Transfer To Remote sever through Mobile / GSM / GPRS

MILK ANALYSER

Technology: Ultrasonic

Parameters	Range	Resolution	Accuracy*
FAT	0-15%	0.01%	±0.10%
SNF	0-15%	0.01%	±0.20%
CLR	0-40	0.1	±0.50
ADDED WATER	0-100%	0.1%	±0.30%

Repeatability : ±0.05%
Measurement Cycle : 40 sec
Sample Volume : 20 ml
*When compared with Reference Methods under Standard Test Conditions

ULTRASONIC PROCESSOR

Timer : 10-20 sec (adjustable)
Frequency : 25 – 30 KHz. (adjustable)

DATA PROCE

Processor : 32bit Stellaris Micro Controller
Speed : 80Mhz
RAM : 96KB
Memory : 2GB

PRINTER (Optional)

Thermal, 2 inch width, 42 characters