

STIPL

Since 2006

Solar Powered
DPU Based
MILK COLLECTION UNIT

“PURE GOODNESS,
POWERED BY INNOVATIONS”



Shiv Traders
Instrument's PVT. LTD.



DATA PROCESSING UNIT (DPU)

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EKOMILK Ultra Pro (Double sensor)



Compact and light weight design milk analyzer. Very small quantity of milk sample required for testing with no added chemicals.

Features

- ▶ Fastest Operations.
- ▶ Cost effective operations.
- ▶ Easy to clean and maintain.
- ▶ Very Low power consumption.
- ▶ RS 232 Interface.
- ▶ 1 Year Warranty.

Measuring Parameters

Fat From 0.5% to 12% with accuracy of $\pm 0.1\%$

Solid not fat (SNF) From 6% to 12% with accuracy $\pm 0.2\%$

Protein From 2% to 6% with accuracy $\pm 0.2\%$

Lactose From 0.5% to 7% with accuracy $\pm 0.2\%$

Added water to Milk From 0% to 60% with accuracy $\pm 5\%$

Average speed 120 samples/hour

Repeatability 0/-0.03 % for fat, $\pm 0.05\%$ for SNF, $\pm 0.75\%$ for added water



Measurement cycle:

**Less Than
30 seconds**

Accessories

- RS 232 Cable - 01 Nos
- AC Power Cable with Plug top - 01 Nos
- Battery Power Cable - 01 Nos
- 200ml Daily cleaning Solution - 01 Nos
- 200ml Weekly cleaning Solution- 01 Nos
- 200ml Power cleaning Solution - 01 Nos
- Measuring Mug - 02 Nos
- Operating Manual - 01 Nos

(Exclusive Representative in India of Eko Milk Ultra Pro Analyzers)

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Features :

- Micro-Controller based embedded design.
- RFID for customers identification (Optional).
- Direct interface.
- Milk Analyzer to get Date, Weight (Kg/Ltr),
- FAT%, SNF%, Added water%.
- DPU With In-built Keyboard.
- In-built Thermal printer.
- Data transfer through USB Flash drive/GSM/GPRS.
- 2 Rate chart storage facility.
- Print/view shift report with weighted average.
- Store date up-to 12 months.
- Available in different models and as per customers requirements.



Also Available Android Based



Technical Specifications :

Display : 95mmx55mm Jumbo LCD Display

Printer : Thermal Printed- 2.0" Panel Mounted

RS-232 Input Ports : 1. Milk Analyzer

2. External Weighing Scale

RS-232 Output Ports : 1. Remote Display

2. 2G/3G/4G Modem

USB Ports : 1. USB Keyboards interface

2. Pen Drive interface

Functional Specifications :

Data Storage	- 1000 Customers per shift
Weighing Scale	- Auto Tare, Ltr. conversion & Adjustable Decimal Point Auto configurable 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 to Pen drive
Data and Reports	- .csv format Export to Pen drive
Data transfer	- Farmers data Transfer to Pen drive via USB port Transfer to Remote server through Mobile/GSM/GPRS



STIPL Digital Ultrasonic Stirrer

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A Hygienic and powerful supportive equipment for removing air bubbles from the milk samples, before analysis. It is cost effective and easy method that facilitates industries grade non-interrupted operations.

Function/Features

- Soft start
- LED Display
- Push Button Operational control
- Minimum time setting : 10 secs
- Maximum time setting : 60 secs
- Time increment steps : 01 sec
- Time display 2 nos. 7 segment LED display
- Input voltage : 170 to 290 AC volt.
- Input voltage : 10.5 to 16 volts DC (upto 30 volts DC)

Technical Specifications :

Input voltage : 170 to 290 AC volt.

Input Frequency : 45 to 55 Hz.

Input power : 32 VA max.



Available In :

- Stainless Steel (304)
- MS Powder Coated



DC Operations :

Input voltage : 10.5 to 16 DC volt.

Input current : 22 amps max.

Reversed Battery protection

External Displays



Remote Display

- Bright LED Display
- To Display- Code, Milk Type, Fat%, SNF%, Weight, Rate and Amount.



Analyzer Display

- Bright LED Display
- To Display- Fat%, SNF%, Degree and Added Water.

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