

PRODUCT DESCRIPTION

RTPL Smart Milk Analyzer is most trusted and reliable instrument, very useful in milk collection at societies in villages and also in moving vehicles. It helps to increase the performance and productivity of Milk collection.

It is compact, light weighted and cost effective, made from industrial grade Stainless Steel 304. It requires very small quantity of milk sample for testing. It analyze the milk sample and display FAT, SNF, Density, Protein, Lactose and Added water effectively.



PRODUCT SPECIFICATIONS

Brand	RTPL
Model	ANALYZER RTPL
Display Type	128x64 Blue color Graphics LCD
Operating Voltage	12 Volt DC
Operating Temperature	5 to 60 Degree °C
Relative Humidity	30 to 80 %
Power Supply	Adaptor 230VAC To 12VDC / 3A
Power consumption	30 W
Peak Power	60 W
Sample Volume	10 ml.
Milk Temperature	10 To 40 °C
Average Measuring Speed	120 samples / hour
Interface	RS-232 / 9600 BD
Physical Dimension (m.m.)	210(L) X 130(W) X 240(H)
Net Weight	2.3 Kg



Technical Specification

Direct Measuring Parameters	FAT: 0.1% to 15% with accuracy $\pm 0.1\%$ SNF: 0.1% to 15% with accuracy $\pm 0.1\%$ Temperature : 5°C to 45°C
Calculated Parameters	CLR: 20 to 40 with accuracy ± 0.5 Protein: 2% to 7% with accuracy ± 0.2 Lactose: 0.01% to 10% with accuracy ± 0.2 Added water in Milk: 0% to 99% with accuracy $\pm 1\%$
Resolution	FAT, SNF, Lactose, Protein, Salts: 0.1% Temperature : 1°C CLR: 0.5 Added Water: 1%
Repeatability	FAT: $\pm 0.1\%$ SNF: $\pm 0.1\%$ CLR: ± 0.5 Added Water: $\pm 2\%$
Measurement Time	20 Sec @ 28°C
Operation time Limit	Continuous
Cleaning modes	Daily / Weekly & Monthly with Special cleaning solution
Calibration modes	5 Cycles Automatic
Cabinet	304 Industrial grade Stainless Steel
Accessories	1. RS-232 Cable - 1 Nos. 2. AC To 12V Power adapter - 1 Nos. 3. Daily cleaning solution - 1 Nos. 4. Monthly cleaning solution - 1 Nos. 5. Sample Bottle - 2 Nos.

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