

Affordable and reliable asset for analyzing milk

Introducing **prompt**[®] **MILKOLITE** milk analyzer

Our unique offering, Prompt Milkolite Ultrasonic Milk Analyzer, is a fully indigenous and economical product that provides accurate readings of milk parameters such as Fat, SNF, added water, and milk density. It is robust and extremely easy to operate and suitable for analysing cow, buffalo, and mixed milk.



KEY FEATURES:

 Measures milk fat, SNF, added water, milk density

 Single curve calibration

 One-touch analysis

 Measuring time 40 Sec

 Spare parts are easily accessible

TECHNICAL SPECIFICATIONS

Measuring Parameters	FAT: 0.0 to 15% with accuracy $\pm 0.1\%$
	SNF: 3 to 15% with accuracy $\pm 0.15\%$
	Added water to milk: 0 to 60% with accuracy $\pm 5\%$
	Density: 1.0220 g/cm^3 to 1.0360 g/cm^3 with accuracy $\pm 0.0005 \text{ g/cm}^3$
	Resolution: $\pm 0.01\%$ for Fat, $\pm 0.01\%$ for SNF, $\pm 1\%$ for added water, $\pm 0.0001 \text{ g/cm}^3$ for density
	Repeatability: $\pm 0.03\%$ for Fat, $\pm 0.05\%$ for SNF, $\pm 0.5\%$ for added water, $\pm 0.0002 \text{ g/cm}^3$ for density
Measuring Time	40 seconds
Milk Temperature	$5^\circ\text{C} \sim 40^\circ\text{C}$
Operating Facilities	Cleaning, Single Curve Calibration, Error List, Suitable for Cow/Buffalo/Mixed Milk
Display	16 characters by 2 lines alphanumeric LCD display
Keys	Push-button keys
Interface	1 RS232 Serial ports
Calibration	Manual
Power Input	AC Supply: $230\text{V} \pm 15\%$, 50Hz
	DC Supply: 12V to 14V DC, 10A
Environmental Conditions	Ambient Air temperature: $10^\circ\text{C} \sim 50^\circ\text{C}$
	Relative Humidity: 30% to 80%
Power Consumption	Average 30 watts, peak 60 watts
Loose Accessories	RS232 serial cable - 1 Qty.
	Battery power cable - 1 Qty.
	Monthly cleaning solution - 1 Qty.
	Daily cleaning solution - 1 Qty.
	Measuring mug - 2 Qty.
	Operating manual- 1 Qty.
	Plunger - 1 Qty.

Prompt Equipments Pvt. Ltd.

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