

Milk Analyzer and Stirrer in One

Introducing
prompt[®]
MILKOLITE
COMBO

milk analyzer + stirrer

Our unique offering, Prompt Milkolite Combo, is an indigenous milk testing machine that combines two essential requirements: stirring and analyzing milk parameters such as Fat, SNF, added water, and milk density. It is robust, easy to operate, and useful for analysing cow, buffalo, and mixed milk.



KEY FEATURES:



Measures and records milk fat, SNF, added water and milk density



High repeatability of milk testing results



One-touch analysis



Measuring time 40 Sec



Single curve calibration



Low maintenance



Compatible with solar power



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	In built stirrer, Cleaning, Single curve calibration, Error list, Suitable for Cow/Buffalo/Mixed Milk
Display	16 characters by 2 lines with 10mm character heights, alphanumeric LCD display
Keys	5 Push-button keys
Storage	8GB SD card for log and measurement data storage
Interface	1 RS232 Serial port
	1 USB Host port
Power Input	AC Supply: $230\text{V} \pm 15\%$, 50 Hz
	DC Supply: 12V to 14V DC, 10A
Battery	12V 6Ah LiFePO4 (Optional)
Environmental Conditions	Ambient Air Temperature: $10^\circ\text{C} \sim 50^\circ\text{C}$
	Relative Humidity: 30% to 80%
Power Consumption	Average 80 watts, peak 110 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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