

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, (protein, lactose & salt- Optional)



High repeatability of milk testing results



One-touch analysis



Measuring time 40 Sec



Spare parts are easily accessible



Low maintenance



Single curve calibration

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 1.0360g/cm ³ with accuracy ± 0.0005 g/cm ³
	Protein: 2% to 6% with accuracy $\pm 0.2\%$ (Optional)
	Lactose: 0.5% to 7% with accuracy $\pm 0.2\%$ (Optional)
	Salt: 0.4% to 1.5% with accuracy $\pm 0.05\%$ (Optional)
	Resolution: $\pm 0.01\%$ for Fat, $\pm 0.01\%$ for SNF, $\pm 1\%$ for added water, ± 0.0001 g/cm ³ for density, $\pm 0.01\%$ for Protein, $\pm 0.01\%$ for Lactose, $\pm 0.01\%$ for Salt
Repeatability: $\pm 0.03\%$ for Fat, $\pm 0.05\%$ for SNF, $\pm 0.5\%$ for added water, ± 0.0002 g/cm ³ for density	
Measuring Time	40 seconds
Milk Temperature	5°C ~ 40°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: 230V $\pm 15\%$, 50 Hz
	DC Supply: 12V to 14V DC, 10A
Battery	12V 6Ah LiFePO4 (Optional)
Environmental Conditions	Ambient Air Temperature: 10°C ~ 50°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 (English) - 1 Qty.
Plunger - 1 Qty.	

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