



Milk Analyzer LAMA-A10

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Milk Analyzer LAMA-A10 detects fat, non-fat milk solids, protein, lactose, water content, salts, total solids, density, freezing point, temperature from the raw or boiled milk sample. Accurate results are obtained using small amount of milk sample. It is convenient and simple to install, operate, maintain and calibrate.

Features

- ▶ Microprocessor based state-of art technology
- ▶ Suitable for Raw, Fresh and homogenized milk.
- ▶ Small sample volume of 25 ml
- ▶ Portable, compact design
- ▶ Automatic cleaning with a peristaltic pump
- ▶ Low power consumption
- ▶ Built-in printer to synchronize data printing
- ▶ No use of harmful chemicals
- ▶ RS232 interface

Applications

This instrument is ideally suited for milk collection centers, milk chilling centres and milk testing laboratories to check contents of goat and buffalo milk, cream 25% to 45%, whey, recovered milk and pasteurized milk.

Specifications

Model no	LAMA-A10	
Performance data		
Processing system	Micro-processor controlled	
Sample volume	25 ml	
Sample temperature	20 to 35 °C	
Measurement time	60-90 s/per test	
Interface	RS232 connection line	
Body material	Plastic	
Installation requirements		
Air temperature	10 to 40 °C	
Relative humidity	30 to 80 %	
Power consumption	36 to 42 W	
Power supply	50 to 60 Hz , 220 V (110 V)	
Dimensions (L × W × H)	175 × 175 × 150 mm	
Test specifications		
Test item	Measuring range	Accuracy
Fat	0.01 to 25 %	± 0.10 %
SNF	3 to 15 %	± 0.15 %
Density	1015 to 1040 kg/m ³	± 0.3 kg/m ³
Protein	2 to 7 %	± 0.15 %
Lactose	0.01 to 6 %	± 0.20 %
Water content	0 to 70 %	± 3.0 %
Milk temperature	1 to 40 °C	± 1 °C
Freezing point	-0.4 to -0.7 °C	± 0.001 °C
Salts	0 to 1.5 %	± 0.05 %

Standard accessories

Accessories no	Accessories name	Unit
1.	12 V DC Power Supply Cable	1
2.	RS232 connection line	2
3.	Alkaline cleaning solution Lacto daily	1
4.	Acidic cleaning solution Lacto weekly	1

Optional accessories

Accessories no	Accessories name
1.	Printer