



Milk Analyzer LAMA-A10

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Milk Analyzer LAMA-A10

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/m3 | ± 0.3 kg/m3 |
| 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 |