

Dairy Milk Composition Analyzer

This analyzer is designed for rapid and accurate analysis of milk composition. It measures fat, protein, lactose, solids-not-fat (SNF), and total solids (TS).



ADDITIONAL IMAGES



Overview

Professional Milk Composition Analysis

This series of milk analyzers provides rapid and accurate composition testing for dairy farming and processing enterprises. Designed with all-metal, low-temperature resistant exteriors, these units are suitable for both field and laboratory environments, including cold climates. With advanced sensor technology and optional integrated printing, they ensure reliable quality control for critical parameters like fat, protein, and acidity.

Key Features

Key Advantages

- All-metal exterior design with high anti-interference performance
- Low-temperature resistant materials for cold climate operation
- 12V car power supply compatibility for field use
- Dedicated computer management software included
- Optional European quality printer available

Performance Metrics

Detection Speeds

180 s MA-20AC Speed	90 s MA-40AC/BC Speed	45 s MA-80AC/BC Speed	30 s MA-120BC Speed
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Technical Specifications

Measurement Ranges & Accuracy

Parameter	Range	Accuracy
Fat	0.50 - 9.00 %	± 0.10%
Non-fat milk solids	6.00 - 12.00 %	± 0.15%
Protein	2.00 - 5.30 %	± 0.10%
pH Value	0.00 - 14.00	± 0.02
Conductivity	2.00 - 20.00 mS/cm	± 5% (18)
Lactose	0.01 - 7.00 %	± 0.15%
Density	1.0260 - 1.0330 g/cm ³	± 0.0005 g/cm ³
Freezing Point	-0.700 - -0.200	± 0.005
Ash	0.05 - 3.00 %	± 0.01%

Compatibility

Series Availability

AC Series, BC Series