

LactiCheck™

Milk composition results for fat, solids, protein, added water, density and lactose—all in just 85 seconds! Responding to the growing needs of the dairy industry for rapid, affordable and objective assays, the LactiCheck Milk Analyzer provides fast, accurate and semi-automated milk composition profiles for raw and/or processed milk and fluid milk products! Based upon ultrasonic spectroscopy, the instrument offers unparalleled ease of use and corresponds well with recognized reference methods. Calibration is streamlined and no caustic, costly chemicals are required. Compact, light weight and portable, the LactiCheck is reliable, providing results that are in keeping with the accuracy of bench chemistry methods in a fraction of the time and at an exceptional value!

**Sensational Solutions for Today
...and Tomorrow!**

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Multi-parameter:

- Fat
- Protein
- SNF
- Density
- Added Water
- Lactose

Rapid Method

- 85 seconds

Lab or Field Testing

- AC or DC Power

Versatile

- Cow or Goat & Sheep



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International, Ltd.**

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LactiCheck™ Specifications:

Measuring Parameters:

Fat: Cow Milk:..... 0.5 - 9%; Sheep: 0.5 - 10% ($\pm 0.08\%$)
Solids Not Fat (SNF): Cow Milk:..... 6 - 12% ($\pm 0.2\%$)
Sheep Milk: 6 - 15%
Density: Cow Milk: 1.0260-1.0330 g/cm³ (± 0.0005)
Sheep Milk: 1.0260—1.0400 g/cm³
Protein: Cow Milk:..... 2 - 5% ($\pm 0.2\%$)
Sheep Milk: 2-7%
Added Water in Milk..... .0 - 60% ($\pm 5\%$)
Measuring Cycle..... ~ 85 seconds

Electric Parameters:

AC Power Supply Voltage..... 110/220V +10/-15%
DC Power Supply Voltage..... 12 - 14.2 Volt Battery
Power Consumption..... 30 W max

Environmental:

Ambient Air Temperature..... 10 to +35° C
Milk Temperature..... 15 to +30° C
Humidity..... 30 - 80% Relative Humidity

Technical Data:

Dimensions (W x H x D)..... 95 x 230 X 250 mm
Shipping Dimensions..... 120 x 310 x 310 mm
Net Weight..... 3.3 kg
Gross Weight..... 6.0 kg
Sample Volume..... 20.0 ml
Start-Up Time..... <5 minutes

► Buffalo/Cow configuration available as an option

- Model LC-01 is available as an option
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The LactiCheck Start-Up Kit contains:

1 x LactiCheck Milk Analyzer
6 x Sample Cups
2 x Cleaning Solvent Concentrate
1 x Power Cord
1 X 12 V Power Cable
1 x User's Manual

OPTIONS:

Not delivered with the standard Unit:

LactiPrint™ Thermal RS-232 Portable Printer
LactiLog™, Data Collection Package
LactiPrep™ Automated Sample Rocker

Please visit our web site at:

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Applications:

- ◆ **Farm Testing:** Portable, precise, simple measurement of raw co-mingled milk facilitates optimal herd management. User-friendly, robust and light-weight, the LactiCheck gives farmers feedback critical to practical herd management.
- ◆ **Milk Collection Stations:** Quick, accurate, cost-effective results for a wide range of critical components of incoming raw milk. Easy to use, walk-away convenience with built-in RS-232 for automated recording of test results.
- ◆ **Laboratory:** Reliable testing with optional automated data collection. Compact, easy to use unit requiring no costly caustic chemicals. Streamlined user-friendly calibration and simple operating procedure.
- ◆ **Cheesemaking:** Providing essential information, including a record of fat and protein levels to manage processing for optimal yield and consistent quality, the LactiCheck is a rapid, user-friendly, repeatable, reliable and low-maintenance instrument.
- ◆ **Dairy Field Extension:** Convenient, simple to use, cost-effective tool providing information critical to effective herd management. Optimize feeding programs, ensure qualification for bonus programs, screen for metabolic disorders and improve genetic records.

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