

LactiCheck™

RapiRead MILK ANALYZER



Sensational Solutions for Today ...and Tomorrow!

Made in
U.S.A.

Introducing the next generation of LactiCheck Milk Analyzers!

Multi-parameter

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

Rapid Method

- 40 seconds

Versatile

- Cow or Goat & Sheep Milk
- Raw or Processed Milk

Extended Range for Fat

- 0.3 to 14% Fat

Providing a complete milk composition profile in just 40 seconds, the LactiCheck RapiRead features an extended range (up to 14% fat), an easy-read display with green back-lighting, improved accuracy and precision. The new Model **LactiCheck** LC-01 RR is based upon the latest advances in ultrasound spectrometric technology! An ultra user-friendly, affordable and automated system, this innovative instrument assays fat, solids, density, added water, lactose and protein composition at the push of a button! All results can be sent directly to a computer using the LactiLog™ Recording System, facilitating transparency of data and easy access to digitized records.



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LactiCheck™ RapiRead MILK ANALYZER

SPECIFICATIONS:

Measuring Parameters: (Cow or Goat & Sheep)	
Fat	0.5 - 9% ($\pm 0.06\%$)
	*9 - 14% ($\pm 0.1\%$)
Solids Not Fat (SNF)	6 - 15% ($\pm 0.2\%$)
Density	1.0260-1.0330 g/cm ³ (± 0.0005 g/cm ³)
Protein	2 - 7% ($\pm 0.2\%$)
Added Water in Milk	0 - 60% ($\pm 5\%$)
Lactose	3 - 7% ($\pm 0.2\%$)
Measuring Cycle	~ 40 seconds

* Accuracy specified with the provision that the instrument is calibrated to the high fat range

Electric Parameters:

AC Power Supply Voltage	110/220V +10/-15%
DC Power Supply Voltage	12 - 14.2 Volt Battery
Power Consumption	30 W max
Data Transfer	RS-232 (USB optional)

Environmental:

Ambient Air Temperature	10 to +40° C
Milk Temperature	15 to +30° C
Humidity	30 - 80% Relative Humidity

Technical Data:

Dimensions (W x H x D)	3.75 x 9.0 x 9.8" 95 x 230 X 250 mm
Shipping Dimensions	17 x 17 x 14" 120 x 310 x 310 mm
Net Weight	7.3 lbs/3.3 kgs
Gross Weight	17 lbs/ 7.7 kgs
Sample Volume	20.0 ml
Start-Up Time	<5 minutes

➔ Buffalo/Cow configuration available as an option

The LC-01 RapiRead™ is shipped complete with:

LactiCal™ Calibration Control
Sample Cups
Cleaning Solvent Concentrate
AC Power Cord
DC Cable (12 V Power)
User's Manual

OPTIONS: (Not delivered with the standard Unit)
CheeseCrafter® Total Quality Management System
LactiLog™, Data Collection Package
LactiPrep™ Automated Sample Rocker
LactiPrinter™, Thermal RS-232 Portable Printer
LactiTote™, Sturdy Canvas Carrying Bag

APPLICATIONS:

- ✓ **Farm Testing:** Portable, precise, simple measurement of raw co-mingled milk facilitates optimal herd management, feeding, breeding, etc. User-friendly and robust, the LactiCheck gives farmers instant feedback critical to practical herd management.
- ✓ **Milk Collection Stations:** Quick, accurate, cost effective results for a comprehensive range of critical components of incoming raw milk. Easy to use, walkaway 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 reagents. Streamlined user-friendly calibration and simple operating procedure.
- ✓ **Cheese-making:** 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 analytical tool.
- ✓ **Dairy Field Extension:** Portable, 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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