

Get the **MAX** with the **MINI!**

LactiCheck™ MINI

Complete milk composition profile
in <60 seconds!



Know your numbers:

- ✓ Save Feed Costs, Improve Herd Health
- ✓ Optimize the Value of your Milk
- ✓ Take control and keep control of Farmstead Processing

The compact **LactiCheck Mini** Milk Analyzer provides a complete milk composition profile in about 60 seconds! Robust and reliable, the LC-MINI offers three separate channels for testing raw (un-processed) bovine, ovine and caprine milk!

A unique flow-thru design facilitates accuracy in results and greater automation in cleaning! The built-in alarm, including acoustic and visual prompts, reminds the operator of cleaning requirements.



10 Milk Composition Parameters!

- Fat
- Solids not Fat
- Density
- Added Water
- Salts/Minerals
- Lactose
- Protein
- Total Solids
- Temperature
- pH (optional)

Automated transfer to Computer - Digitized Records!
Test Time <60 seconds!



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LactiCheck™ MINI Ultrasound Milk Analyzer

Specifications

Measuring Parameters

Fat: Cow Milk:	0.5 - 10% ($\pm 0.1\%$)
Sheep Milk:	0.5 - 10% ($\pm 0.1\%$)
Goat Milk:	0.5 - 10% ($\pm 0.1\%$)
Solids Not Fat (SNF):	3 - 15% ($\pm 0.15\%$)
Density:	1.0150 - 1.0400 g/cm ³ (± 0.0005)
Lactose:	1 - 12% ($\pm 0.5\%$)
Protein:	2 - 7% ($\pm 0.15\%$)
Added Water:	1 - 70% ($\pm 3\%$)
Temperature of Sample:	1°C to 40°C
pH (optional):	From 0 to 14pH
Measuring Cycle:	~ 60 seconds

Electrical Parameters:

AC Voltage:	110/220VAC (+10/-15%) 50/60Hz
DC Power:	12 V (Optional)
Power Consumption:	30 W maximum

Environmental:

Ambient Air Temperature:	7 to 40° C
Milk Temperature:	15 to 30° C
Humidity:	30 to 80% Relative Humidity

Technical Data:

Dimensions:	11x24x26cm - 4.3x9.5x10.2 Inches
Shipping Dimensions:	35x43x43cm - 14x17x17 Inches
Net Weight:	3.0 kgs. (6.6 lbs.)
Gross Weight:	5.5 kgs. (12 lbs)
Sample Volume:	<15mL
Start-Up Time:	~5 minutes

The LactiCheck MINI Start-Up Kit contains:

- 1 x LactiCheck MINI Milk Analyzer
- 6 x Sample Vials
- 2 x Packages of Cleaning Solvent Concentrate
- 1 x AC Power Cord
- 1 x Manual Pump
- 1 x User's Guide

Options:

Not delivered with the standard Unit:

- LactiPrint™ Thermal RS-232 Portable Printer
- LactiPrep™ Automated Sample Rocker
- DC Output Connector Cord
- LactiLog™ Data Recording/Reporting Software

Applications

Farmstead Testing:



Providing critical feedback for proper feed management and herd health, the LactiCheck milk composition profiles give you real time information - when you need it and where you need it. Also helpful in managing milk checks

(payment, composition bonuses, etc.).

Milk Reception/Milk Collection:

Cost-effective results for a wide range of critical components from in-coming milk. Results can be automatically transferred to a computer for reporting, easy-access digital results and easy archiving.



On-farm processing:



Get your butterfat and protein results in just seconds, assisting with production decisions (cheese, yogurt) and also verifying labeling requirements for fluid milk. Record results by milking group, supplier or even individual animal. Know which animals and suppliers are making the best contributions to your process & profitability.

Veterinarians, Nutritionists and Herd Managers:

Validate cost effectiveness of feeding formulation and in-take, monitor health of at-risk animals (calves, freshening heifers) and troubleshoot issues relating to herd health and nutrition with real-time milk composition analysis!



Dairy Field Extension:



Convenient, simple to use, cost-effective tool providing information critical to ensuring optimal outcomes (consistently high composition, sound breeding programs, exceptional profitability).



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