

LACTOSCAN MILK ANALYZER PCB

Precision Sensor & PCB Assembly for Lactoscan Milk Analyzer

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PRODUCT HIGHLIGHTS

Rear View



Front View



FEATURES

- ✓ Original sensor module
- ✓ Compact integrated design
- ✓ Precision sensing support
- ✓ Stable performance
- ✓ Easy system integration
- ✓ Suitable for milk analyzer equipment

APPLICATIONS



Milk Testing



Dairy Industry



Analyzer Service



Laboratory Use



System Integration



KTPL Instruments Pvt. Ltd.



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TECHNICAL SPECIFICATIONS

Lactoscan Milk Analyzer PCB

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Lactoscan milk analyzer PCB with precision sensors and advanced signal processing, designed for accurate and stable milk analysis. This PCB ensures reliable performance in Lactoscan milk analyzers used in dairy and laboratory applications.



TECHNICAL SPECIFICATIONS

	Product Type	Lactoscan Milk Analyzer PCB
	Origin	Made in Bulgaria
	Technology	Ultrasonic Wave Propagation with Digital Signal Processing
	Supported Milk Types	Cow, Buffalo, Mixed Milk
	Measured Parameters	Fat, SNF, Density, Protein, Added Water, Lactose, Milk Temperature, Freezing Point, Salts
	Operating Voltage	12V DC $\pm 10\%$
	Operating Temperature	0°C to +50°C
	Storage Temperature	-20°C to +70°C
	Interface/Connectivity	Serial UART / RS232 (Custom on request)
	Mounting	PCB Mount / Enclosure Mount
	Design/Construction	Compact Integrated Design Industrial Grade Components
	Compatibility	Suitable for most Lactoscan milk analyzers

MEASURING PARAMETERS

Parameter	Measure Range	Accuracy
FAT	from 0.01% to 25%	$\pm 0.06\%$
Solids-non-fat (SNF)	from 3% to 15%	$\pm 0.15\%$
Density	from 1015kg/m ³ to 1040kg/m ³	$\pm 0.3\text{kg/m}^3$
Protein	from 2% to 7%	$\pm 0.15\%$
Lactose	from 0.01% to 6%	$\pm 0.2\%$
Added water	from 0% to 70%	± 3
Milk sample temperature	from 1°C to 40 °C	$\pm 1\%$
Freezing point	from -0.4°C to -0.7°C	$\pm 0.001\%$
Salts	from 0.4% to 1.5%	$\pm 0.05\%$

APPLICATIONS

-  Milk Testing
-  Dairy Industry
-  Analyzer Service
-  Laboratory Use
-  System Integration

