

# Portable Milk Analyzer



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**Analytical Technologies Limited**

An ISO 9001 Certified Company

[www.analyticalgroup.net](http://www.analyticalgroup.net)

- easily readable results
- possibility of connecting pH probe
- integrated pH and conductivity measuring
- self calibration without computer

►► **Key features:**

- User-friendly: simple in operation, maintenance, calibration and installation
- Portable and compact design
- Very small quantity of milk required
- Low power consumption
- No use of hazardous chemicals
- One year full warranty
- Measuring accuracy adjustment can be done by the user RS 232 Interface
- ESC POS Printer Support
- Two samples self-calibration

►► **Environmental Conditions:**

- Ambient air temperature — 10°C – 40°C (option 43 °C)
- Milk temperature — 1°C – 40°C
- Relative humidity — 30% – 80%

►► **Electrical Parameters:**

- AC Power Supply voltage – 220V/110VDC
- Power Supply voltage – 12V to 14,2V
- Power Consumption – 30W max
- Mechanical Parameters:
- Dimensions (W x D x H) 100x223x216 mm
- Weight < 3,5 kg
- Stainless steel cover box

Measuring Parameters	Analytical Range in milk	Maximum permissible absolute error
Fat	0,01-25%	±0,1%
Solids-non-fat(SNF)	3%-15%	±0,15%
Density	1015-1040 kg/m <sup>3</sup>	±0,3kg/m <sup>3</sup> %
Protein	2%-7%	±0,15%
Lactose	0,01%-6%	±0,2%
Added water	0%-70%	±3%
Milk sample temperature	1°C-40°C	±1%
Freezing point	-0,4°C--0,7°C	±0,001%
Solids	0,4%-1,5%	±0,05%
PH	0-14	±0,05%
Conductivity	3-14[mS/cm]	±0,05%

## Regulatory compliances



## Corporate Social Responsibility

Analytical Foundation is a nonprofit organization (NGO) found for the purpose of:



**Analytical**  
**Foundation**

1. Research & Innovation Scientist's awards/QC Professional Award : Quality life is possible by innovation only and the innovation is possible by research only, hence ANALYTICAL FOUNDATION is committed to identify such personalities for their contributions across various field of Science and Technology and awarding them yearly. To participate for award, send us your details of research / testing / publication at [Info@analyticalfoundation.org](mailto:Info@analyticalfoundation.org)

2. Improving quality of life by offering YOGA Training courses, Work shops/Seminars etc.

3. ANALYTICAL FOUNDATION aims to DETOXYFY human minds,souls and body by means of yoga, Meditation, Ayurveda, Health Care, Awards, Media, Events, Camps etc.

## Reach us @



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