



# Milk-Lab *PRO*

## Milk Composition Examiner

- Fat • Solids • Protein • Lactose
- Density • Freezing Point • Added Water
- Temperature • pH (option) • Conductivity (option)

### Product Types :

- Raw milk
- Processed milk
- Standardised milk
- Cream
- Ice cream mix
- Milk shake
- Flavoured milk
- Evaporated milk
- Lactose Free milk
- Whey
- WPC
- Soya Milk

### Key Features :

- Return on investment < 6 months
- Simple push button operation
- Cost free testing in 60 seconds
- Suitable for use in production area
- No hazardous chemicals or glass
- Fully automated C.I.P
- Ultrasound Spectroscopy working inline with bench chemistry accuracy
- Wide measuring range
- Simple calibration
- Built in printer and keypad
- USB flash drive for data storage
- Time & date reference on print-out
- Data collection software

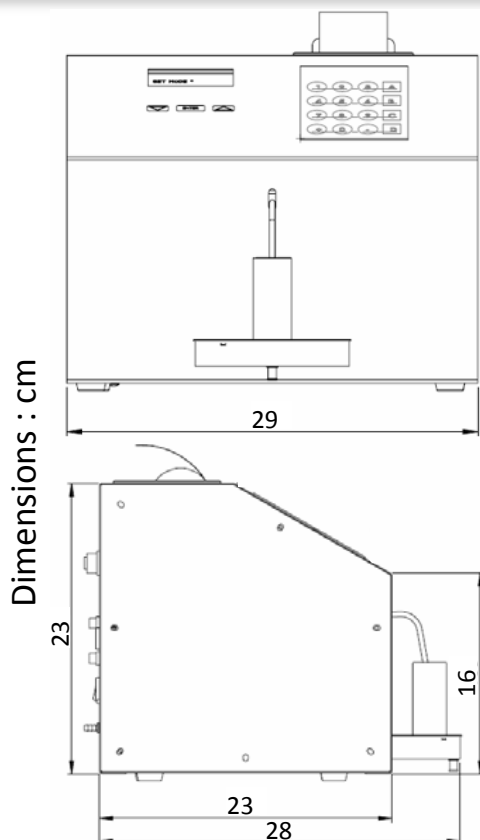
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### Print-out

Time:	.....
Date:	.....
Serial Number:	.....
Product Type -	.....
Results:	
Temp. Sample	..... °C
Fat	..... %
SNF	..... %
Protein	..... %
Density	.....
Lactose	..... %
Added water	..... %
Solids	..... %

PARAMETERS	RANGE	ACCURACY
Fat	0.01% - 50%	± 0.05%
Solids non fat (SNF)	3% - 40%	± 0.15%
Density	1000 - 1160 kg/m <sup>3</sup>	± 0.3 kg/m <sup>3</sup>
Protein	2% - 15%	± 0.15%
Lactose	0.01 - 20%	± 0.20%
Added Water	0% - 70%	± 3.0 %
Temperature	5 - 40 °C	± 1 °C
Freezing Point	-0,400 to -0,700 °C	± 0.005 °C
Minerals	0,4 - 4%	± 0.05%
Ph (option)	0 - 14	± 0.05%
Conductivity (option)	2 - 14 mS/cm	± 0.05 (Ms/cm)



### Working Conditions:

Temperature	1 °C - 40 °C
Product Temp.	1 °C - 40 °C
Humidity	30% to 80%

### Power Supply :

AC	220 V / 110 V
DC	12 V
Power	30 W max.

### Data Collection Software

Time	Sup.N	Litres	SeN	Cal	Temp	Fat	SNF	Den	Pro	Lac	Wt	Sol	FreezP	pH	Cond
150206	141839	0000	0000.0	0266	2	12.80	01.23	02.56	05.13	05.68	03.12	10.24	05.46	-0.51	02.59
150206	141840	0000	0000.0	0266	2	12.80	01.23	02.56	05.13	05.68	03.12	10.24	05.46	-0.51	02.59
150206	141841	0000	0000.0	0266	2	12.80	01.23	02.56	05.13	05.68	03.12	10.24	05.46	-0.51	02.59
150206	141842	0000	0000.0	0266	2	12.80	01.23	02.56	05.13	05.68	03.12	10.24	05.46	-0.51	02.59
150206	141843	0000	0000.0	0266	2	12.80	01.23	02.56	05.13	05.68	03.12	10.24	05.46	-0.51	02.59
150206	141844	0000	0000.0	0266	2	12.80	01.23	02.56	05.13	05.68	03.12	10.24	05.46	-0.51	02.59
150206	141845	0000	0000.0	0266	2	12.80	01.23	02.56	05.13	05.68	03.12	10.24	05.46	-0.51	02.59

Net Weight:	4.5 kg.
Sample Vol.:	15 ml.



Milk-Lab UK Ltd.  
 71 Lees Road, Oldham, Lancashire,  
 OL4 1JW. United Kingdom  
 Tel/Fax : +44 (0) 161 627 0007  
 Website: [www.milk-lab.co.uk](http://www.milk-lab.co.uk)  
 E-mail : [sales@milk-lab.co.uk](mailto:sales@milk-lab.co.uk)