



MASTER LITE

HIGH QUALITY ULTRASONIC MILK ANALYSER WITH BALLOON PUMP

**HIGH QUALITY
HIGH TECH
CHEAPEST**



KEY FEATURES:

User-friendly:
simple in operation,
maintenance, calibration
and installation

**Portable and
compact design**

**Very small quantity
of milk required (9ml)**

Low power consumption

**No use of hazardous
chemicals**

One year full warranty

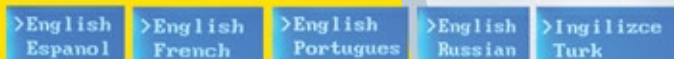
**Adjustments of the
measurement accuracy
can be done by the
RS 232 Interface**

ESC POS Printer Support

**Two samples
self-calibration**

**Bluetooth, RS232 and
USB technology**

Our products menus support the following languages:



SPECIFICATIONS MASTER LITE:

Parameter	Measuring range	Accuracy
Fat	from 0% to 25%	± 0.1%
SNF	from 3% to 40%	± 0.15%
Density	from 1000 to 1160 kg/m ³	± 0.3 kg/m ³
Protein	from 2% to 15%	± 0.15%
Lactose	from 0.01% to 20%	± 0.2%
Added Water content	from 0% to 70%	± 3.0%
Temperature of milk	from 1°C to 42°C	± 1°C
Freezing point	from - 0.4 to - 0.7°C	± 0.005°C
Salts	from 0.4% to 4%	± 0.05%
Conductivity (option)	from 2 to 14 mS/cm	± 0.05 (mS/cm)

MEASURING PARAMETERS:

- Fat
- Solids-non-fat (SNF)
- Density
- Protein
- Lactose
- Milk sample temperature
- Added water
- Salts
- Freezing point
- Total Solids (option)
- Conductivity (option)
- Ion meter (option)

Easily readable results

**Self calibration
without computer**

Milk analyzer makes quick analyses of milk and liquid dairy products:

- Cow milk (25%)
- Sheep milk
- Buffalo milk
- Concentrated milk (up to 1160kg/m³)
- Recovered milk
- Etc.
- Whey
- Skimmed milk (0.01% FAT)

And can be calibrated by the customer with specific samples of:
Yoghourt, Flavored milk, Ice-cream mixtures etc.

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MASTER LITE MILKOTESTER



ENVIROMENTAL CONDITIONS:

Ambient air temperature
10°C - 40°C

Milk temperature
1°C - 42°C

Relative humidity
- 0%-80%

ELECTRICAL PARAMETERS:

AC Power Supply voltage
95V-250V

DC Power Supply voltage
12V

Power Consumption
30W max.

MECHANICAL PARAMETERS:

Dimensions:
110x280x195mm

Weight : 2kg

Permanent laser engraving, possibility for custom logos or text inscription.



Serial interface (RS232/printer)

PC connection

Power switch

12V input

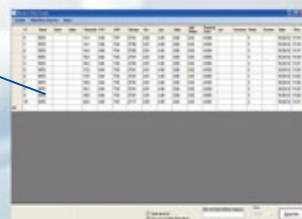
Highly effective, long life balloon pump

MASTER LITE



MILK DATA Program:

milk collection accounting and management software.



```
>Sheep milk
UHT milk
Buffalo milk
11:27 16/06/17
```

Embedded function real date and time-registers the exact time for delivery of milk in the milk collecting center

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