

ULTRASONIC MILK ANALYSER

**DIRECT MEASUREMENT OF COLD MILK SAMPLES,
starting at 5°C**

No need of periodical calibration

*The measurement accuracy
not dependant on milk's acidity
High-end ultrasonic technology
for analyzing any kind of milk*

Lactoscan SLP

60 sec measurement

Standard Light Plastic

Easily readable results

**Self calibration
without computer**



**UNIQUE MILK
ANALYSER**

Serial printer

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**

SPECIFICATIONS Lactoscan SLP:

| Parameter | Measuring range | Accuracy |
|-------------------------|-------------------------------|-----------------------|
| Fat | 0,01 - 25% | ±0,1% |
| Solids-non-fat (SNF) | 3% - 15% | ±0,15% |
| Density | 1015 - 1160 kg/m ³ | ±0,3kg/m ³ |
| 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% |
| Salts | 0,4% - 1.5% | ±0,05% |

Each milk analyzer Lactoscan SLP can be factory calibrated for quick analyses of 3 of the following milk and liquid dairy products:

| | | |
|--------------|----------------------|---|
| Cow milk | Whey | Concentrated milk (up to 1160 kg/m ³) |
| Sheep milk | Cream (up to 25%FAT) | Skimmed milk (0,01% FAT) |
| Buffalo milk | Goat milk | Recovered milk |

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

MEASURING PARAMETERS:

Fat
Solids-non-fat (SNF)
Density
Protein
Lactose
Milk sample temperature
Added water
Salts
Freezing point



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/110V

DC Power Supply voltage
12V to 14,2V

Power Consumption 30W max

MECHANICAL PARAMETERS:

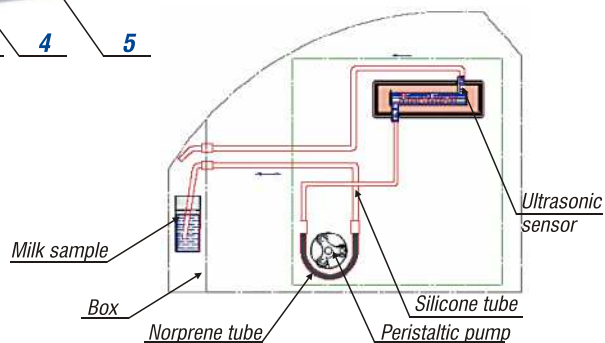
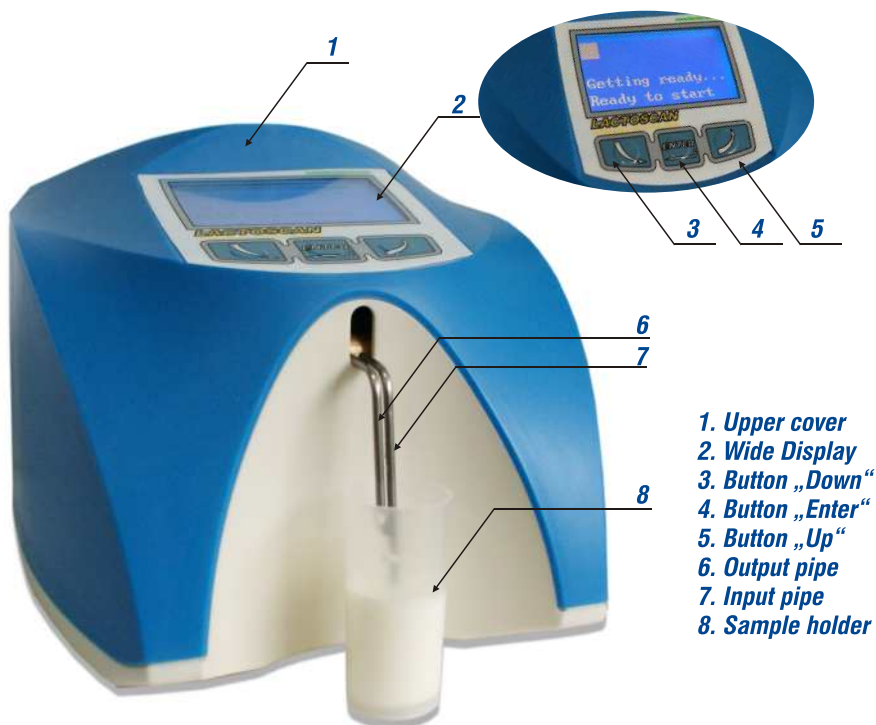
Dimensions (W x D x H)
175x175x150 mm

Weight < 1,5 kg

Lactoscan SLP

60 sec measurement

Standard Light Plastic



Principle working scheme:

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