



dan-bos - ApS

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www.secondhand-equipment.com



Lactoscan SA

70 (120 option) samples/hour
50 (30) sec. measurement

Measuring parameters	Analytical range in milk	Maximum permissible absolute error
Fat	0,01– 45%	±0,1%
Solids-non-fat (SNF)	3% – 40%	±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%
PH	0 – 14	±0,05%
Conductivity	3 – 14 [mS/cm]	±0,05%
Total solids	0 – 50%	±0,17%

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

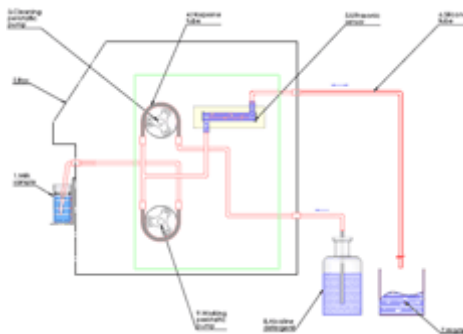
Environmental Conditions

Ambient air temperature — 10°C –40°C (option 43°C)

Milk temperature — 1°C – 40°C

Relative humidity — 30% – 80%

Electrical	Parameters	Mechanical	Parameters
AC Power Supply voltage	– 220V/110V	Dimensions (W x D x H)	100x223x216 mm
DC Power Supply voltage	– 12V to 14,2V	Weight	< 4 kg
Power Consumption	30W max		



Principle scheme

<http://www.danbos.com>

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3.Cleaning peristaltic pump

4.Norprene tube

5.Ultrasonic sensor

6.Silicone tube

2.Box

1.Milk sample

9.Working peristaltic pump

8.Alcaline detergent

7.Waste

