

Automated one click milk analyzer



FOR MILK PARAMETERS & SOMATIC CELL COUNT

EKOMILK[®]

Horizon



Key features

- Accurate subclinical mastitis monitoring with hybrid technology;
- Fast and cost-efficient analysis:
 - less than €0.05 per test;
 - 45 s average total measuring time;
- Easy to use and maintain;
- Reliable and robust;
- Multi-parameter milk analysis;
- High accuracy, high correlation coefficients with DHIA and official milk labs;
- Digital re-calibration option for end user;
- Power supply 220-240V/110-120V AC or 12V DC;
- Printout and storage of measurement data;
- USB or RS232 Interface available: weighing balance, keyboard, pen drive, remote display unit, serial printer, PC;
- GSM/GPRS option - e-mail, SMS, FTP, remote management.



EKOMILK milk analyzers are certified by European centers of Metrology. Somatic cell count and milk parameters accuracy comparisons are available from leading universities worldwide.

Application Areas

- Dairy farm
- Milk collecting points and
- Milk collection trucks
- Dairy industry
- Milk processing plants
- Veterinary and
- Dairy laboratories



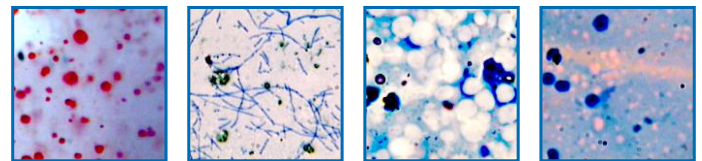
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Parameters

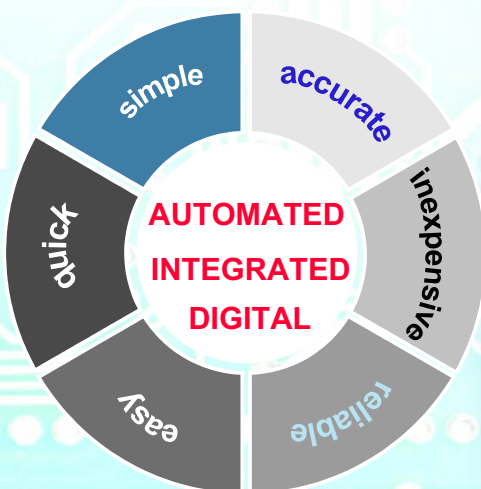
Avg measuring time	45 s
Somatic cell count	90 000 - 1 600 000 / 8 200 000 cells/ml ± 5%
Fat	0,5% - 12% ± 0,1%
Solids non fat (SNF)	6% - 12% ± 0,2%
Density	1,0260 g/cm ³ - 1,0330 g/cm ³ ± 0,0005 g/cm ³
Protein	2% - 6% ± 0,2%
Lactose	0,5% - 7% ± 0,2%
Freezing point	-1,000 - 0 °C ± 0,015°C
Added water to milk	0% - 60% ± 5%
Conductivity	2 - 20 mS/cm ± 1% mS/cm (18°C)
Temperature	0 - 50 °C ± 0,1°C
Data processing system	on-line data transfer, data storage, milk data print-out and reports generation for milk collection and payment
GSM/GPRS	E-mail, SMS, FTP, Remote management
Animal monitoring platform	PC, tablet, smartphone application
Acidosis and Ketosis detection	Ultrasound based detection

Horizon



All specifications are preliminary and can be changed without prior notice.

Advantages



Technologies

- Ultrasonic sensor
- Conductivity sensor
- Temperature sensor
- Viscosity module
- Level sensors
- Integrated thermal printer
- Integrated GPRS
- Integrated Wi-Fi module
- Integrated bluetooth module
- Data processing
- Optional solar power supply

FABRICANT/PRODUCER/FABRICANTE CONTACT/KONTAKT/CONTACTO

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