

# Automated one click milk analyzer

**BULTEH**  
2000

## FOR MILK PARAMETERS & SOMATIC CELL COUNT

# EKOMILK<sup>®</sup>

## Horizon



### Key features

- Accurate subclinical mastitis monitoring (SCC) with hybrid technology;
- Fast and cost-efficient analysis:
  - less than €0.05 per test;
  - 75 s average total measuring time;
- With optional AMPI sample preparation and supply unit;
- Reliable and robust; easy to use and maintain;
- Multi-parameter milk analysis; fat, protein and solids content
- High accuracy, high correlation coefficients with DHIA and official milk labs; with AMP;
- Digital re-calibration option for end user; via AMP;
- Power supply 220-240V/110-120V AC or 12V DC;
- Printout and storage of measurement data; Wifi included;
- USB or RS232 Interface available: optional: weighing balance, keyboard, pen drive, barcode or RFID reader remote display unit, serial printer, PC;
- Via AMP account - e-mail, SMS, XLS reports and dashboards



JCA

PC



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





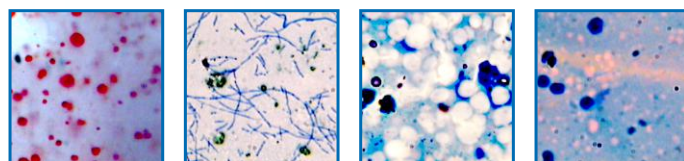
# Automated one click milk analyzer

## EKOMILK®

### Parameters via AMP

### Horizon

Avg measuring time	62s-84s	with Sample Feeder
Somatic cell count	50 000 - 15 000 000 cells/ml	± 12%
Fat	0,5% - 12% ± 0,04%	
Solids non fat (SNF)	6% - 12% ± 0,2%	
Density	1,0260 g/cm <sup>3</sup> - 1,0330 g/cm <sup>3</sup>	optional ± 0,0005 g/cm <sup>3</sup>
Protein	1% - 9% ± 0,14%	
Lactose	0,5% - 7% ± 0,2%	optional
Freezing point	-1,000 - 0 °C ± 0,015°C	optional
Added water to milk	0% - 60% ± 5%	optional
Conductivity	2 - 20 mS/cm	optional ± 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	
Wifi, opt: RJ45	E-mail, SMS, FTP, Remote management	
Animal monitoring platform	PC, tablet, smartphone application	
Acidosis and Ketosis detection	Ultrasound based detection	



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

**BULTEH - 2000 Ltd**  
19, Industrial Area  
Stara Zagora,  
BULGARIA

Phone: +32 497577325  
Email: [office@ekomilk.eu](mailto:office@ekomilk.eu)  
[www.ekomilk.eu](http://www.ekomilk.eu)  
[www.animalmonitoring.com](http://www.animalmonitoring.com) (AMP)

Animal Health and Milk Quality  
**MONITORING PLATFORM**

*At your service since 20 years!*

