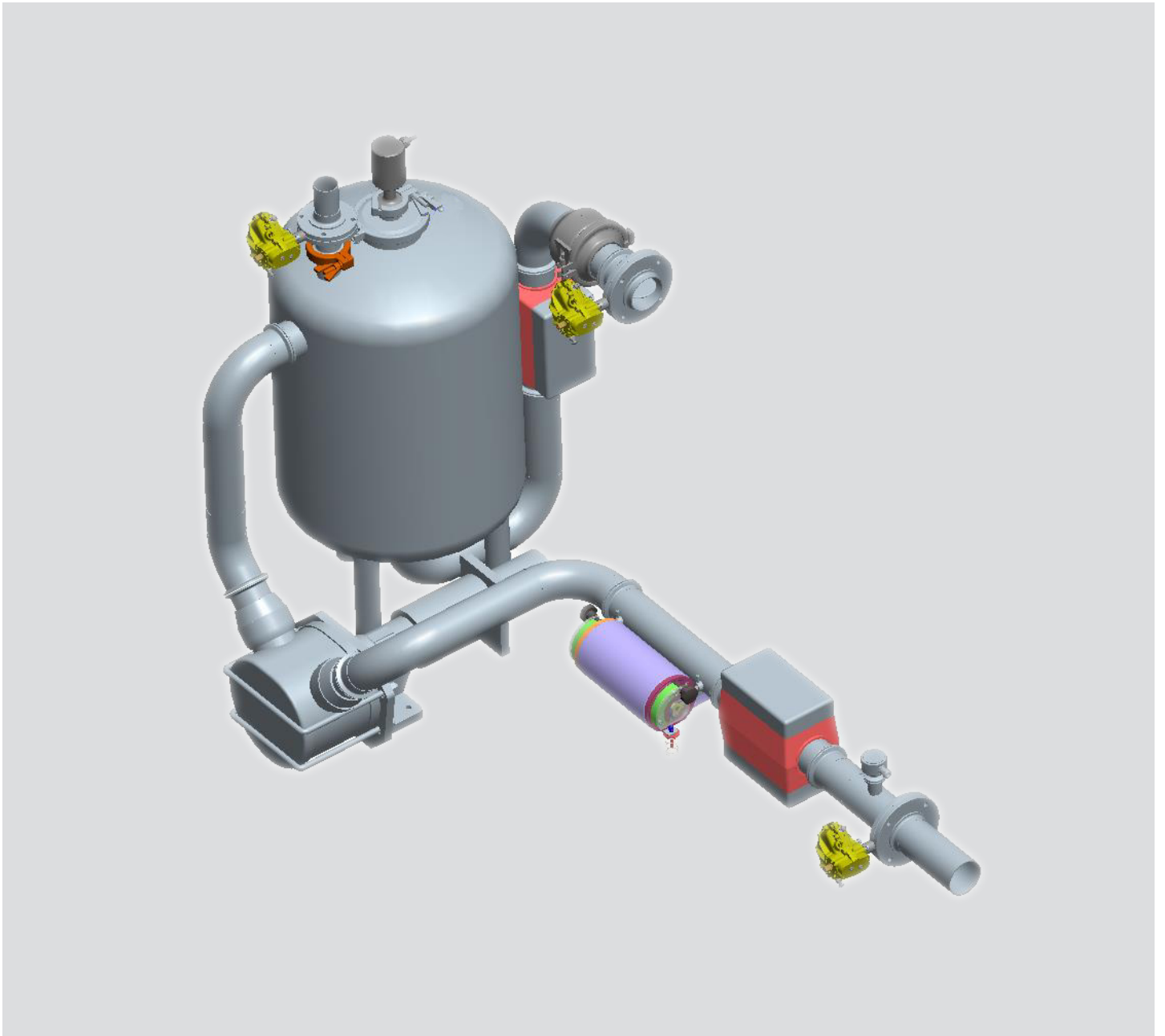


LYNX Milk Measurement and Sampling System

Rugged design meets latest technology



Simply the better way to measure

The milk measurement system LYNX from BARTEC is the price/value counterweight to the successful TIGER measurement system.

Neither ejectors, nor water pumps are necessary due to the use of selfpriming-pumps. Less time spent during the milk intake, because of immediate power on demand. The “down to the core” design makes it is easy to adapt and maintain. The fully electric sensed system excels even in the most challenging surroundings and environments, because of it’s robust and compact design. The system is controlled via a touch-display, making it not only innovative, but easy understandable, as well.

Last but not least it is the comparatively low acquisition cost, that makes the LYNX such an outstanding value proposition.



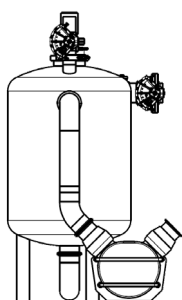
Features:

- Electric, battery or hydraulic drive
- Adaptable to any selfpriming pump
- Air sensing technology
- Up to 1000 l/min (depending on pump)
- Central control unit with backlit LC-touch display
- GPRS data connection
- GPS supplier and farm data acquisition
- Representative sampling
- Remote online diagnostics and remote updates
- Reliable and low maintenance

MAK 3003 Controller



LYNX Measurement system



Barcode/RFID codes sampling bottle



ULTRASAMPLER®, 4-way sampling capacity



LYNX and ULTRASAMPLER, a strong combination

The LYNX system is fully compatible within the ULTRASAMPLER® product family, what gives you access to various sampling solutions. Continue to use your standard Sample bottle or switch to the BARTEC reusable Sample bottle.

ULTRASAMPLER® is the latest system of electronically controlled sampling. The integrity and accuracy of the milk samples taken is important to both, the dairy and the milk supplier. Reliability and robustness of the ULTRASAMPLER® are the basis for accurate samples for farmer payment and quality control purposes, to achieve optimal product quality.

- Up to 8 samples simultaneously filled.
- Manual Bottle management or fully automatic solutions.
- Sample bottle registration via print label, barcode or TAG.
- Representative and cross-over preventing (DIN 11868)





Measuring system-specific data

Operating voltage	DC 24 V (9 - 36 V) on-board power supply (load dump fixed, stabilized)
Emergency operation	On-board power supply 24 V (valves)
Valve terminal	6 bar (maintenance unit)
Suction power	max. 1000 l/min, max. 60 m ³ /h (depending on pump)
Connections	2,5" Clamp, Purge line DN 40
Precision	≤ 0,5 %
Lowest intake quantity	50 l
CIP	yes, max. 85 °C @ 2 bar

Mechanical data

Material of milk conduit	V ₂ A; PTFE; PEEK; POM
Dimensions	See dimensional drawing
Weight	approx. 230 kg (layout depending)

Ambient conditions

Operating temperature	0 ... + 85 °C medium; - 20 ... + 50 °C electronics
Storage temperature	- 20 ... + 60 °C (without fluid)
Protection type	IP 65