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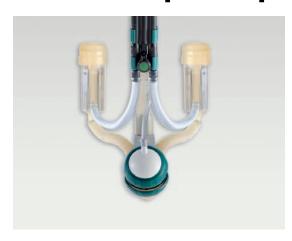
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СИСТЕМЫ ДОЕНИЯ CAPRITWIN, OVITWIN, TOPFLOW Технические характеристики



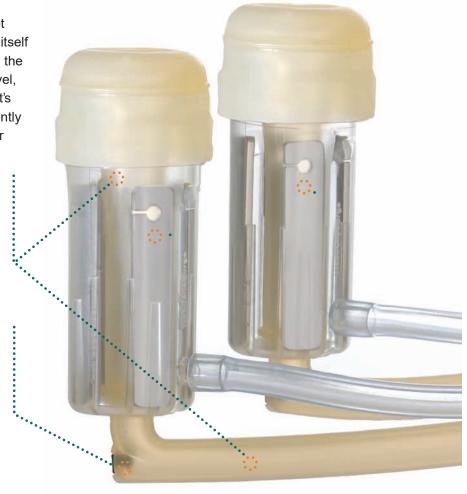
CapriTwin Goat Milking Unit / OviTwin Sheep Milking Unit – For Highline Milking Parlors

The latest technology for easy and efficient sheep and goat milking

The CapriTwin and OviTwin milking units were designed specifically for use in milking systems with overhead milk lines and, they are available with manual or automatic detaching options. These unique units are comprised of a small, practical milk collection piece, transparent teat cup shells, and single-piece silicone liners with integrated air inlet nozzles. The modified milk collection piece sets itself apart from other sheep and goat milking units on the market by electronically adjusting the vacuum level, via the control unit, depending on milk flow. That's innovation at work –helping you milk more efficiently while protecting the valuable udder health of your herd!

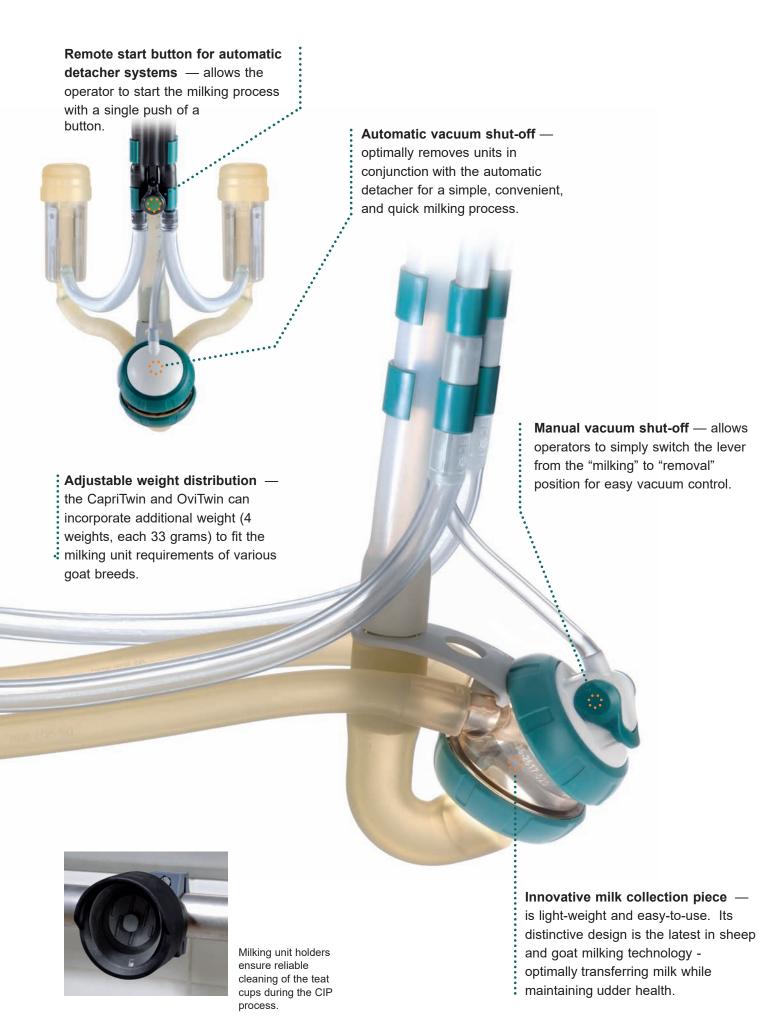
One-piece, see-through silicone liner— provides a great view of milk flow inside the transparent teat cup shell. Plus, smooth silicone surfaces ensure optimal cleanliness during and after milking.

Integrated air inlet nozzle — promotes high quality milk. The specific position of the air inlet ensures that air and milk flow quickly and gently in the same direction toward the milk collection piece.





The unique guide basin is the coreelement of the CapriTwin and OviTwin. It is perfectly positioned to channel milk smoothly and efficiently along the wall into the large bottom vessel.



TopFlow Z Goat Milking Unit / TopFlow S Sheep Milking Unit – For Lowline Milking Parlors

The practical choice for today's sheep and goat milking operations

The TopFlow Z and TopFlow S milking units are available just for lowline milking systems. They each easily handle high milk yields and rapid flow rates without a milk collection bowl integrated into the unit. The TopFlow was developed with the latest design elements incorporated into every feature, delivering maximum ease of use throughout the entire milking process.



High quality silicone milk hoses simplify unit positioning for optimal alignment during milking.



The milking unit holders are sized precisely for the TopFlow Z and TopFlow S, ensuring reliable cleaning of the teat cups during the CIP process. The holders integrate easily into any milking parlor for trouble-free operation.

Practical design for easy attachment — the simple act of sliding on the teat cup jackets activates the vacuum on or off. There are no additional buttons to push or switches to hit. The TopFlow simply makes your daily milking routine easier and more efficient.

Higher milk quality — special valve technology in the teat cup jackets ensures that the vacuum supply will be immediately shut-off should a teat cup fall-off, protecting the overall quality of milk harvested on your operation.

Gentle milk transport — without a collection bowl — the direct ventilation on the teat cup jacket accelerates the transport of milk to the milk hose, preventing any blockage effects. Even with your highest producers, uninterrupted, smooth milk flow is guaranteed with the TopFlow unit.

Continuous visual monitoring — the transparent design of the silicone liners, the teat cups, and the milk hoses allows operators to view milk flow on each individual teat.



TopFlow Z / TopFlow S – Benefits at a glance:

- Get effective unit positioning, without a collection bowl.
- Milk with the air supply delivered directly to the teat cup jacket.
- Easily control vacuum with the special valve technology.
- Continuously monitor milk flow through transparent, silicone milking unit components.
- Operate units under gentle, low-vacuum milking conditions.
- Reduce milking times.
- Simplify milking of sheep or goats with singleteats.

Pulsation Systems

Precisely setting your milking rhythm

Gentle and animal-friendly milk extraction is achieved by the use of the milking unit in conjunction with the electrically controlled Apex Pulsator. Configured either as a single or double pulsator, the Apex can be controlled individually as a stand-alone unit, or centrally via the CentralPuls control unit.



Automatic Detacher Systems

Control, monitor, and measuring with a unit that fits your needs

From the reliable DeMax detacher units, which easily control and monitor the milking process, to the DemaTron detacher units with milk yield indicators that fully support your herd management program, GEA Farm Technologies offers a detacher system to optimize your operation's productivity.

Automatic detachers work in conjunction with our VisoFlow milk flow monitoring system. The VisoFlow precisely measures milk flow and sends the necessary information to the detacher unit, which determines the ideal time to switch off the vacuum or remove the milking unit. Better vacuum control leads to better udder health. And, better udder health, leads to better milk quality.





DeMax, DemaTron 60/70 & remote control.

Dairy Management System 21

Accurate herd management for today's progressive operations

In order to be "better equipped" in the future, today's sheep and goat milking operations must have the proper electronics to monitor various management practices. Recording data, data monitoring, data maintenance, and the interactive exchange of data is becoming more and more important. With electronic animal ID, the Dairy Management System 21 with DairyPlan 21 software, records production data automatically, providing important herd management information to you, 24 hours-per-day, 7 days-a-week.

The DMS 21 V-Scan hand-held reader offers you a mobile solution for recording data in the housing or pasture area. The V-Scan reads all electronic ISO identification, such as ear tags, and transmits the data via Bluetooth to the DPMobil II, a hand-held, Palm operating system, containing the DairyPlan 21 software. All remotely collected data can be downloaded to the main computer when convenient.



Easy to read icons and messages are displayed on the screen, and audible signals are easy to hear. Data is exchanged via a USB or Bluetooth



MILKING CLUSTER OVITWIN

The CapriTwin and OviTwin milking clusters from GEA are efficient solutions for milking goats and sheep in dairies with high-level lines. They boast a wide range of important advantages that will help you make milking more cost-effective and animal-friendly. Their ideal balance of gentle milking and efficiency both increases your success and dramatically simplifies your daily work.

CapriTwin and OviTwin: Milking clusters for goats and sheep with a wide range of benefits Specially designed for systems with high-level lines

Transparent materials ensure full control over the milking process.

The clusters are easy to use, giving you high levels of operational safety and great milking results every time. Robust materials ensure that the products are durable and need fewer costly replacement parts

Their special design makes them easy to clean and gently transports the milk away, ensuring high levels of hygiene and milk quality.

Udder health improves due to gentle milking with low powered vacuums

You can choose between two products:

The CapriTwin milking cluster milks goats efficiently and gently

The OviTwin is ideal for milking sheep

Both milking clusters are designed to suit the special udder shape of these animals. The benefits of both varieties are identical: They milk your animals gently and quickly and ensure high milk quality. They are perfectly suited for systems with high-level lines. They can either be operated manually or in combination with a milking controller.

CapriTwin and OviTwin milking clusters: durable materials, transparent hoses and smooth surfaces for easy cleaning

The CapriTwin and OviTwin milking clusters for sheep and goats are made from durable materials that last a very long time. GEA uses silicone for its teat cup liners which adapts to suit the shape of the animals' udders, is resistant to acids and still fits perfectly on the udder after a number of years of use. The hoses are also made from high-quality silicone. The remaining components, such as the milking shells and claw, are made from impact-resistant, transparent plastic. You get a durable, long-lasting product that also provides excellent visual control over the milking process. You can instantly spot any problems that occur during milking. To ensure the equipment stays hygienic, the surfaces of the CapriTwin and OviTwin are smooth and easy to clean.

CapriTwin and OviTwin milking clusters: fast, gentle and efficient milking

The CapriTwin and OviTwin milking clusters are specially designed to ensure that milk flows away quickly, ensuring high milk quality. To do this, the milking cluster features an air inlet beneath the milking shell that ensures there is a constant stream of air towards the claw. You can easily switch off the vacuum at the milking shell when milking under manual control. The integrated electronics also allow you to control the equipment with a milking control unit such as the DemaTron or MetaTron. Automatic milking is also completely hassle-free with the CapriTwin and OviTwin milking clusters. And the milking process is always gentle on the animals due to its low vacuum strength.

Expand the CapriTwin and OviTwin milking clusters with further components from GEA As a system provider, GEA can design a Total Solutions concept for your dairy. CapriTwin and OviTwin are easy to combine with other components from GEA. This modular system ensures that the solutions adapt to meet your requirements, and not the other way around.

MILKING CLUSTER TOPFLOW

With TopFlow, GEA gives you the perfect milking cluster for sheep and goats. Its intelligent design ensures a comfortable, fast and gentle milking process that is designed specifically to meet the particular needs of these animals.

TopFlow milking cluster for goats and sheep: overview of the most important features and benefits Milking without a claw: the milking shell is easy to position, even for single-teat sheep Air inlet and special valve technology for fast milk transportation and gentle milking Transparent silicon teat cup liners for optimal visual control during milking Low strength vacuum milking: Gentler milking process and improved udder health. Very short milking time: Fast milking minimizes the mechanical strain on the teats. Low weight: More convenience and less stress for the milking staff A milking cluster has to be efficient and gentle. This is true for both cows and sheep. Designed specifically for sheep and goats' udders, and with specialized valve technology, the TopFlow milking cluster from GEA ensures that these requirements are met.

TopFlow milking cluster: durable, long-lasting materials GEA uses only durable materials that ensure that the TopFlow milking cluster will last. The teat cup liners are made from transparent silicone which is resistant to acidity and adjusts to fit the teats perfectly. The milk collection container is constructed from high quality plastic, making it impact-resistant and easy to clean. All of the components are transparent: from the milking shells to the hoses that transport the milk. This means that you can detect and identify errors immediately during milking.

The specialized valve on the TopFlow milking cluster prevents air ingress. The key feature of the TopFlow milking cluster from GEA is its valve technology. It ensures that the vacuum is automatically interrupted if the milking shells fall off. This prevents the milk from being contaminated with bacteria, ensuring that your milk is always of high quality. You can also suppress the vacuum yourself by simply turning the milking shell. It is convenient to operate, making your work simpler and more efficient. Your sheep and goats' udders are also protected by a low strength vacuum. This gentle milking process is controlled using the Apex pulsator by GEA, your complete systems provider.

TopFlow milking cluster: no claw for easier operation and faster flowing milk
The TopFlow milking cluster works without a claw: It consists of two milking shells that are each
connected via a hose to the main hose. This has a number of advantages. It means that the
milking shells can be attached easily and securely, even on unusually shaped udders. It also
increases the speed of the milk flow. The TopFlow milking cluster is aerated right at the milking
shells. This also helps to increase the speed of the milk flow as it prevents blockages. The result
is high-quality milk from your sheep and goats. The TopFlow is also very efficient: The fast milk
flow and intelligent design of the milking cluster ensure that the whole milking process is
completed quickly. This increases throughput and therefore the efficiency of your operation.

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