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## LAKTOMAT S-3 FASM (*Fully Automatic Smart Machine*) *Made in Republic of Serbia*

RAMGEN LAKTOMAT S-3 FASM is a fully automatic intelligent machine for the preparation and feeding of milk replacer and is intended for the rearing of calves, lambs and kids (purpose of like for orphans, outnumbered offspring, mother with mastitis, etc.).

RAMGEN LAKTOMAT S-3 FASM is designed to give maximum effect in weight gain. The technology used in the preparation of milk replacer and the constant maintenance of milk temperature, as well as the automatic washing and disinfection of the entire system, are unique in the market of equipment and machines intended for livestock breeding.

RAMGEN LACTOMAT S-3 FASM can work in all climatic conditions, which is allowed with milk recirculation.

Automatic notification of water, milk powder, chemical detergent, and disinfectant deficiency, which gives comfort in working on the farm.

The RAMGEN Lactomat S-3 FASM is the machine with the lowest maintenance requirements, 15 minutes per week.

RAMGEN LAKTOMAT S-3 FASM is a machine with a high capacity of milk replacer supply, which can feed at once:

- 1 – 3 calves
- 1 – 9 lambs
- 1 – 12 kids.

The system also dispenses milk powder in water very precisely. It also digitally controls the temperature of the milk and maintains the temperature of the milk at the production setpoint (of finished milk).

Electricity consumption (power) is 1500 watts (W) per hour. The power supply is from 220-240 volts AC.

It is a unique device that does not allow moistening of the powdery substance (milk powder); therefore, there is no coagulation of milk (turning into dough), and thus there is no downtime.

The device has automatic washing and disinfection of the milk supply system (containers and hoses).

The device has 8 programs for determining the concentration of milk (from 10-22%, with intermediate divisions of -10%; 12.5%, 13%, 14%, 16%, 18%, 20%, and 22%).

The entire operation of the device is controlled by a digital processor.

Executive components are made of stainless steel and technical-medical plastics.

The warranty period is 3 years, with regular periodic technical maintenance after the lambing season (control service) in the "Ramgen" service.

The device is made of the highest quality professional components, which guarantee quality and long-term operation.

The device is very "economical" because each dose of milk preparation consumes only 40 grams of powder (small portions) compared to competing devices that make from 50-80 g of powder and dispense one dose in 4 steps (10 grams each), which guarantees maximum homogenization of milk.

The capacity of milk preparation is: 180-400 ml (depending on the program).

Feeding capacity: 80 lambs. It has 3 outlets (3 silicone teats), with easy installation and removal (there is a possibility of expanding the capacity, if necessary).

Milk powder receiver capacity: 20 kg of milk powder, which corresponds to 100-125 litres of milk with one filling (feeds 150 lambs with one filling).

**The price of the basic machine is 4.025 EUR.** The advance payment is 1,500 euros for the start of work, and the delivery is for a maximum of one month from the advance payment.

**ADDITIONAL OPTIONS:** *installation of electronic lamb identification and milk flow readings (how much each lamb sucked, with electronic notification daily) as well as a milk medicine dispenser (adding drugs/probiotics using a dispenser), both at the individual and group level, with software monitoring (report on the phone). There is also the option of installing an anti-freeze system for frigid regions and with water filtration, where it is loaded with limescale or other minerals (e.g. iron, sulfur).*

There is an **option to protect against freezing of milk** due to low temperatures **with a water filter** where there is a high content of minerals (limescale). This is an additional option that costs **300 EUR**.

The option of reading lamb chips (RFID) to **control the amount of milk consumed** and to alarm in case the lamb has not consumed the projected amount of milk is an additional **1.000 EUR**.

The option of **daily growth control** of the lambs, as well as during the entire period of rearing, is accessible with special scales (via RFID system), which is an additional **800 EUR**.

**Dispensers (dosers) for the application of probiotics/drugs** in early breeding, which is done at the level of the teat itself for precise-individual treatment per teat, with the possibility of applying three different drugs/probiotics, are an additional **700 EUR**.

**The full price of the LAKTOMAT S-3 FASM with all the above options (RFID reader, scales, phone reporting, dozers) is 6.300 EUR.**

Each new suction unit (with 3 nozzles as a standard option) costs 200 euros per connection. The maximum number of teats for this device is 9. It can be customized for much larger farms if needed.

**Warranty period: 36 months (3 years), and the out-of-warranty period is 10 years.**

For any additional information, call 063/236-260 (+38163236260). We are ready to make any useful suggestions for further improvement of the device. More information will be soon available on our web site: [www.ramgen.rs](http://www.ramgen.rs).

*Dr. Sci Vet. Med Aleksandar Milovanović*



