



Description

A feeding curve is divided in daily dosages. A daily dosage is divided in hourly dosages in the feeding schedule. An hourly dosage is divided in portions. In the morning, at the scheduled time, the system distributed the initiation dosage that is 50 grams of feed. A sow gets up, comes to the trough and moves the trigger simultaneously signalling the willingness to take some feed. According to schedule, the system provides the first portion of hourly dosage (standard portion – 200 grams). Having eaten the first portion, a sow using the trigger signals show the willingness to eat more and then receives the second and subsequent portions of hourly dosage. In the case when a sow has eaten the whole hourly dosage, the light diode goes white. According to the schedule, sow must wait for the next feeding hour. The cycle repeats up to the last feeding hour according to schedule.

The outline of working

Fetura Electronic Dispenser One to One F5

Feeding curves

- A configuration of 15 feeding curves divided in 3 groups with the possibility to match to sow's condition: XS, S, M, L, XL
- Each feeding curve has maximum 150 feeding days, it includes the whole cycle of a sow, from the weaning of piglets up to the next labor
- Each feeding curve is divided in the following stages: weaning, insemination, pregnancy, labor, lactation

Schedules of daily feeding

- A configuration of 15 feeding schedules
- Each schedule is divided in maximum 6 hourly dosages
- Each daily dosage constitutes percent of daytime feeding dosage

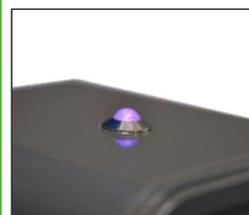
Dispenser

- A feeding curve with a schedule is attributed to each dispenser
- It is possible to change the dosages in the curve, increase or decrease the amount of daily dosage or to stop distributing the feed
- Possibility of changing the day of the curve

Light diode

Informs about the working condition of Dispenser One to One

- Red (flashing)- alarm
- Purple (pulsing)- device is blocked- it omits feeding dosages until further notice
- Blue (pulsing)- notification about labor or insemination
- Red (pulsing)- the dispenser did not distribute 30% of daily dosage from the feeding schedule
- Yellow (pulsing)- the dispenser distributed more than 30% of daily dosage but less than 70% of daily dosage from the feeding schedule
- Green (pulsing)- the dispenser distributed more than 70% of daily dosage from the feeding schedule
- White (pulsing)- the dispenser distributed 100% of daily dosage from the feeding schedule



A wireless system of restricted feeding for sows, applied in sectors: farrowing, insemination and gestation. The device is located under any volumetric feed dispenser and it conducts feeding according to the proper feeding curves and feeding schedules. Each device guarantees an individual feeding schedule. Feed is served in to the troughs in different weight portions up to 6 dosages daily. Dispenser One to One applied in the farrowing sector guarantees keeping sow in a good condition, increasing milk production which results in the growth of piglets weaning weight and extending sow's productivity by two litters. What is more, sows are calmer which reduce the number of crushed animals. Dispensers facilitate the work with the livestock animals by eliminating a human aspect in the precise process of feeding sows and reducing the loss of feed. Feeding data collected in a real time are presented in the form of reports. The device control is by the means of the Fetura Kontroler One & Group fitted in the building, mobile devices or computer, depending on the chosen version.



Fetura Electronic Dispenser One to One F5

A wireless electronic dispenser with a trigger, feeding on demand by sow with an initiation dosage

- Plastic Case
- Input's diameter of a volumetric feed dispenser \varnothing 70mm
- International Protection Rating- IP65
- Input power: 230VAC, 50Hz, 31W
- Nominal current: 230VAC, 50Hz, 270mA
- Maximal current: 230VAC, 50Hz, 410mA
- Electric wire LIYY8x0.25, eight-core wire, length: 4meters
- The dispenser is equipped with a feedback that informs about the engine's lockout
- Contains power wire and an wire for trigger
- Catalog number: (16899)



Fetura Trigger F5

By moving the trigger sow initiates dosing of feed

- Made from stainless steel SST
- Suggested installation in a metal pipe \varnothing 70mm
- Connected with the Dispenser One to One F5 by an electric two-core wire OMY2x0.75
- Catalog number: (16901)



Light communicators They enable passing information by a worker to the system

Red communicator



Pressing the red communicator reduces the dosage of distributed feed and it extends the breaks between the feeding until further notice. Flashing red communicator indicates turning "the dose reduction mode" on. Another pressing of the red communicator within 1-minute results in the cancellation of the previous step. Cancellation of the previous step after 1-minute of the time is impossible by the means of dispenser. Then, the previous action can be changed only by the means of Fetura system. Pressing the red communicator longer than 3 seconds creates the alarm – the light diode on the dispenser changes on red and it is flashing.

Green communicator



Pressing the green communicator results in omitting the daily feeding schedule until further notice and then the light diode on the dispenser change on purple. Another pressing of the green communicator within 1-minute results in the cancellation of the previous step. Cancellation of the previous step after 1-minute time is impossible by the means of dispenser. Then, the previous action can be changed only by the means of Fetura system. Pressing the green communicator longer than 3 seconds announces the action of the user –labor or insemination. The light diode changes on blue and it is slowly pulsing.