



## STIMULUS

Automatic stimulation of sows

- Efficient way to stimulate the sows
- Get more total born piglets
- The insemination can be carried out by just one employee
- Easy to control the process
- Built-in electronic controls the air pressure in the pump
- The electronic is powered by a built-in rechargeable battery



# STIMULUS

## Automatic stimulation of sows about insemination

Stimulus is making an automatic stimulation of sows about insemination. The stimulation is done in two stages – in 2 programs. The first program which is started when Stimulus is turned on will stimulate the sow roughly with some heavy pressures on the back and in the loin area.

This program lasts 60 seconds – and when it ends program 2 is activated automatically.

The other program “soft” stimulates the sow with gentle pressures/pushes in the sow’s groin. It takes only one employee to look after 3 Stimulus – For instance the worker places the first Stimulus on sow no. 1 and activates the stimulating process by pressing the on / off button on Stimulus. After this the employee places Stimulus no. 2 on sow no. 2 and activates it – and places no. 3 on sow no. 3.

After having mounted the 3 Stimulus the first sow will be ready for the actual insemination where the catheter and semen bottle is put in place – the semen bottle – tube or fat pack – can rest in the special holder which is placed at the end of the “antennas” on Stimulus.

When sow no. 3 is inseminated the first Stimulus will be ready to “move on” in the row to sow no. 4 etc.

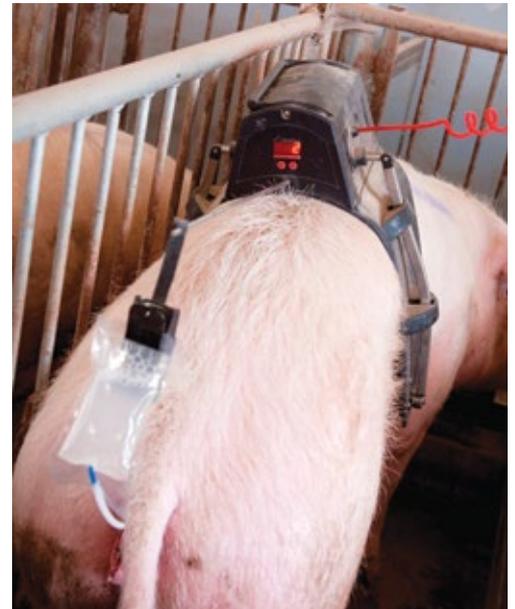
In this way, the insemination may be carried out by just one employee – and thus save valuable time other places in the production. The moves that Stimulus performs to press and stimulate the sow is made by air pressure and an air pressure pump is mounted on the top of Stimulus. Built-in electronic controls the air pressure in the pump.

The electronic is powered by a built-in rechargeable battery which is recharged by a 220V charger that comes along. This can be plugged into Stimulus on the side of the top. The air pressure is added via a spiral rope which is mounted on the top of Stimulus.

### Compressor

To ensure a stable working pressure in the barn’s air system, we recommend the use of a compressor with 7-10 bar. If the system is to run 3-4 Stimulus, the compressor must deliver 250 l/min. 6-8 Stimulus will require 300 l/m. Stimulus is preset to run at 4.5 bar

*NOTE: Stimulus must be operated via its own closed air system. Do not connect other machines to this circuit!*



## FACTS ABOUT STIMULUS

**Stimulus** Article nr. 560520

**Multi-holder for Stimulus** Article nr. 560521



The figure below shows Stimulus results from 22 livestock 10 weeks before the start of using Stimulus and 10 week after start of using Stimulus

No. of farrowing		Farrowing %	Total born
13.741	Farrowing % and total born 10 weeks before start with Stimulus	85,21	15,93
14.211	Farrowing % and total born 10 weeks after start with Stimulus	89,87	16,28
	Increase	+4,66	+0,35

Stimulus results from 4 livestock Total born

Total born	Low to acceptable		High to better	
	1	2	3	4
Livestock	1	2	3	4
Before	13,48	14,89	15,72	16,32
After	14,13	15,11	16,22	16,55
Increase	00,65	00,22	00,50	00,23

Stimulus results from 4 livestock Farrowing %

Farrowing %	Low to acceptable		High to better	
	1	2	3	4
Livestock	1	2	3	4
Before	81,21	82,62	88,78	92,30
After	89,98	88,53	91,18	92,39
Increase	8,86	5,91	2,40	00,09

Subject to changes in materials and design is reserved.

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