



## BOVINE ELECTROSTIMULATOR

At Fluxo we have developed the specific line of electrostimulator equipment in a completely national way, with the best technology on the market, meeting the most varied processes found in the most.

Answer diverse slaughter plants, always increasing new functionalities and innovations, both by customer request and by the area of research and development.



**Fluxo**

## UFX 10

For high-performance industrial lines, allowing to apply parameters of electrical stimulation of bovine carcasses right after slaughter, promoting a muscular contraction in it. This contraction “burns” the muscle glycogen reserve, resulting in an acceleration of the pH drop.

- Supply voltage: 220 VAC 50/60 Hz;
- Output voltage: from 130 to 400V;
- Maximum current: 10 A factor 80%;
- Output frequency: variable from 20 to 3000 Hz;



## UFX 7

It allows applying the parameters of electrical stimulation of carcasses, involving the passage of a certain electrical current through the bovine carcass right after slaughter, promoting a muscular contraction in it.

- Supply voltage: 220V  $\pm$  10%; 50/60Hz;
- Output voltage: 20 to 350V; \*(according to wave type)
- Output current: 6 A;
- Output frequency: 20 to 3000 Hz;



## DRIVING NEW LFX CATTLE

The LFX driving system was developed for driving cattle, its parameters allow adjustments for each case, driving the animals calmly, avoiding fractures, injuries or even agitation of the animals. Compact in size, it can be easily carried to other parts of the slaughterhouse, making its use much more practical.

- Single-phase power supply: 220VAC 50/60 Hz;
- Output voltage: 10 to 49V;
- Output current: 1 A;
- Output frequency: 20 to 2500 Hz;



## SSUPERVISORY

The bovine electrostimulation monitoring system reads the values and sends them to the computer where they can be seen in real time and stored in a database for registration in reports. The monitoring system includes software and hardware for data storage.

## MODBUS FX-100 DIGITAL INDICATOR

Through a high-intensity LED, it allows the user to visualize, even from a distance, the values present in the stunning process.



## NEW FX LEATHER START

Equipment for stripping bovine leather for slaughter lines. Its differential is due to the application of sophisticated waveform and frequency control algorithms. Making it possible to limit the application parameters according to the requirements, directly on the equipment display.

- Supply voltage: 220 VAC  $\pm$ 10%. 50/60Hz
- Output Voltage: 10 to 49 VRMS;
- Maximum current: 6 A;
- Output frequency: variable from 10 to 2500 Hz.



## BLEEDING GUTTER ELECTROSTIMULATOR



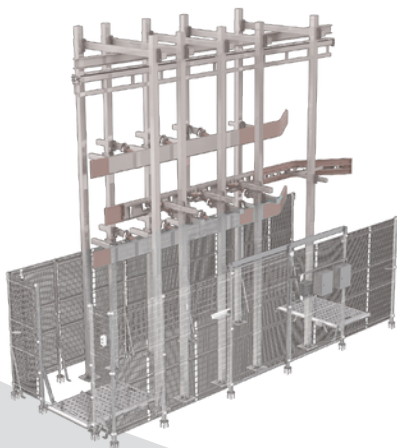
Cattle stimulator for high-performance industrial slaughter lines that allows the application of stimulation parameters with hybrid waves. On its display it is possible to visualize and limit the stimulation parameters according to the particularities of each unit.

- Supply voltage: 220 VAC  $\pm$ 10% 50/60 Hz.
- Output Voltage: 10 to 49 VRMS;
- Maximum current: 6 A;
- Output frequency: variable 10 to 2500 Hz.

## HALF CARCASS

Electrode for application of electric currents in half shell. With its modular construction, it easily adapts to different layouts and production volumes.

- Input and output guides made entirely of non-toxic and seamless material;
- Electrodes in anatomical shape and easy to adjust;
- Insulators with metal insert ensuring electrical insulation and robustness complete security system;



## SERVICES

### CHECK-UP SERVICES

The service comprises the visit of a technician who makes a careful analysis of the installations using measuring equipment. With the data and measures, a technical report is generated aimed at making a more assertive decision for better system performance.

### CALIBRATION

LABCALI Calibration Laboratory

- Industrial and Laboratory Metrological Assistance;
- Trained technicians to perform calibration services;
- Calibration Certificates;
- Maintenance and calibration at customer sites;

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