



Accompanying case for transportation.

- ✓ Order your **WP-100** through **descongeladorwp100.com.br** or **licht-biotec.com.br**.
- ✓ Extended warranty for those who provably watch the training video.

www.licht.com



[www.licht-biotec.com.br](http://www.licht-biotec.com.br)

**Licht** has manufactured electronic equipment for the electric energy industry for more than 25 years.

Therefore, they have thorough command of the technology needed for electronic products, which have to be **robust, reliable** and **accurate**.

**WP-100**, which you read about in this folder, is exactly like that.

**SALES:** 55 11 **3731.3188**

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# SEMEN THAWER WP-100

A robust, accurate appliance to assure the successful insemination of your herd.



Your investment deserves this protection



WP because it is  
**WATERPROOF**



SEMEN THAWER  
**WP-100**

Completely waterproof and  
resistant to occasional shocks

Brazilian and foreign breeders can now make the most of their investments in livestock husbandry thanks to the quality and efficiency of the **WP-100** bull semen thawer.

The only product with accurate micro-processed electronics on the market, it guarantees semen integrity throughout the

whole process. Its robust design withstands the most adverse scenarios commonly found in Brazilian farms, such as extreme operating conditions, environmental challenges (dust, humidity, and highly diverse local temperatures) and hazardous transportation conditions in remote and inaccessible areas.

## LCD with Accurate 0.1 °C Resolution

As well as dispensing with the use of thermometers, which could result in inaccurate measurements and risks for your investment, the **WP-100** allows the whole operation to be monitored on a liquid crystal display, which indicates:

- Water temperature at a 0.1 °C resolution.
- Required times for semen thawing according to the type of straw to be defrosted (fine or medium). Please remember that the container can hold up to 4 straw groups at a time which are numbered to facilitate identification.



## HIGH TECHNOLOGY APPLIED TO SEMEN CONSERVATION

The device features high-precision, micro-processed electronics, especially designed for efficient and high-quality semen thawing.

## FAST WATER HEATING

Thanks to the **WP-100**'s modern and over-dimensioned electronics, as well as its sophisticated software application (which was thoroughly tested for the most diverse operating conditions), water can be heated up at a rate of up to 3 °C per minute.

## ACCURATE TEMPERATURE CONTROL

Water is evenly heated inside the cup, without either cold or hot spots. The desired temperature (35 °C set-point) is precisely reached at any room temperature (0 to 34 °C) and it can be steadily kept for as long as you wish (including under water).

## WATER RESISTANCE

The acronym "WP" in the name of this thawer means it is **WATERPROOF**, as it features German-designed casing which was specifically designed to operate in dusty, humid and wet environments without the risk of damage, and to adequately protect the device's electronic components.

In laboratory tests (ABNT NBR IEC 60529-2009 standards for Ingress Protection Level for Electrical Enclosures), the **WP-100** was kept under water for 24 hours while it was on and operating normally.

## THE ROBUSTNESS YOU NEED IN YOUR FARM

Besides being waterproof, the **WP-100** was designed to withstand the most adverse use and transportation conditions. Because the device is mechanically and electronically over-dimensioned, it is highly resistant and able to withstand the occasional drop and shock (capability included in the warranty statement). To ensure a long service life, the **WP-100** is supplied in a high-quality synthetic leather case for safe transportation and storage.

A Robust and  
Precise Semen  
Thawer for a  
Better Return  
on your Investment



Order yours now

