Biotecno, for 25 years innovating and transforming healthcare on a global scale.



9TH EMPRETEC WOMEN IN BUSINESS AWARDS 2025

EXPORT AWARD 2023·2024

INNOVATION CASE IN BRAZIL CNI/SEBRAE 2019

NATIONAL INNOVATION AWARD 2015 - 2017

MPE BRAZIL SEBRAE 2014

BOAS PRÁTICAS DE FABRICAÇÃO DE MEDICAMENTOS ANVISA RDC 301/2019

BOAS PRÁTICAS DE FABRICAÇÃO ANVISA RDC 16/2013

PRODUTO REGISTRADO ANVISA

FDA U.S. FOOD & DRUG ADMINISTRATION

BIOTECNO TAURA

HUMAN ORGAN IN TRANSIT

HEART LUNG KIDNEY LIVER

Brazilian Industry

Patent Pending BR 10 2026 000752 8

Temperature
Adjusted
Using
Refrigeration
Assisted

Equipment for those who save lives.

Request a demonstration.

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taura@biotecno.com.br

taurabiotecno.com

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BIOTECNO Refrigeradores e Freezers Científicos

Conserving Life

PATENTE REQUERIDA BR 10 2026 000752 8

TAURA

Organ for Transplant

Organ transportation has changed.

Thermal boxes and ice are a thing of the past.

TAURA is Biotecno.



BIOTECNO Refrigeradores e Freezers Científicos

Conserving Life

PATENTE REQUERIDA BR 10 2026 000752 8

Each minute preserved is a life with greater chances.

Between donation and transplant, there is no room for improvisation.



What is TAURA?

TAURA Heart is a **portable and intelligent chamber** designed to preserve and transport organs and tissues with **maximum safety.**

This innovative equipment ensures a homogeneous and controlled temperature, without the use of ice, **eliminating the risk of freezing.**

Its technology allows **longer distances to be covered safely**, preserving **organ quality** during transport.

TAURA Organ for Transplant

BIOTECNO

Patent Pending BR 10 2026 000752 8

Why use it?

- Replaces cooler boxes with reusable ice packs.
- Battery autonomy of up to 8 hours.
- Maintains **thermal homogeneity**, protecting the tissue.
- Precise temperature control with no risk of freezing.
- Safe operation over **long distances** with free location tracking.
- Complies with **ANAC, FAA, IATA** and **RDC 54/2021** standards for the transport of human biological material.
- Software with encrypted and traceable data.
- Reusable, easy to clean and handle, with better cost-benefit and sustainability.
- Preliminary results indicate shorter ICU stays and a lower organ rejection rate.
- Patented equipment, registered with **Anvisa** and the **FDA**, developed by a Brazilian manufacturer with technical support throughout the country.

Patent Pending BR 10 2026 000752 8

Technical data



Thermal Control

- Operating range: **4°C a 10°C**
- Accuracy: **0,1°C**
- Microprocessed system with multiple sensors
- Redundant safety controller

Autonomy and power

- Automatic operation at **110/220V**
- Auxiliary **12 VDC** power source (vehicle, air or naval)
- Sealed VRLA battery with autonomy of up to **8 hour**

Refrigeration

- Variable speed hermetic compressor
- Anti-ice formation system
- Internal environment homogenization

Data and compliance

- Communication: **Bluetooth + Datalogger**
- Data export via USB flash drive
- Approved for air transport (ANAC/IATA)
- ANVISA registration **80573310001**
- Usable internal capacity: **8 L**
- Patent Pending **BR 10 2026 000752 8**