



*Test and simulation equipment solutions*

Climatic chambers for combined  
tests and special chambers



**30 years of experience** and more than **10.000 equipment installed** all around the world.

Clients from all the industrial sector consider us experts on giving **customized solutions** and solving all our challenges no matter how complex it is.

**Innovation, quality and experience** are our guarantee of success.



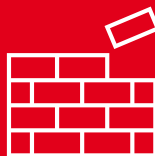
# SECTORS



Textile  
industry



Transport,  
Automotive and  
railway



Construction  
and associated  
industries



Aerospace,  
aeronautical  
and naval



Pharmaceutical,  
cosmetic, veterinary  
and food



Laboratories  
investigation, certification  
and tests



Defense,  
armament



Chemistry, plastic, oil,  
cardboard, wastebasket  
and rubbers



Mining, Steel industry,  
galvanic and metallurgy



Biology, biotechnology,  
agrobiology and  
insects



Electronics,  
household appliances, and  
telecommunications



R + D, new  
technologies and  
technological  
centres

# EVOLUTION

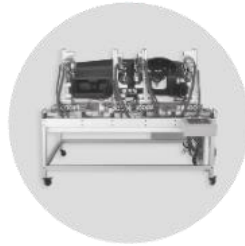
**Ineltec Establishment\_**  
Engineering system  
of regulation and  
control

**1988**



**Testing benches\_**  
New equipment  
to evaluate  
product's quality

**1996**



**Climatic chambers\_**  
Products to simulate  
environmental  
conditions

**1998**



**Ineltec growing\_**  
Improvement of our  
design and manufacturing  
facilities

**2006**



**New Design  
and technology\_**  
More innovation,  
performance and  
reliability

**2009**



**Artificial  
vision\_**  
Product range to  
analyze and control  
100% of the pieces

**2010**



**Ineltec in  
France\_**  
Opening  
of Ineltec France  
delegation

**2011**



**Ineltec in  
Morocco\_**  
Opening  
of Ineltec Morocco  
delegation

**2016**



**Creating  
future\_**  
We are still working  
on quality and  
innovation

...



WHAT WE DO?

SIMULATION EQUIPMENT

TESTING BENCH

FIRE EQUIPMENT



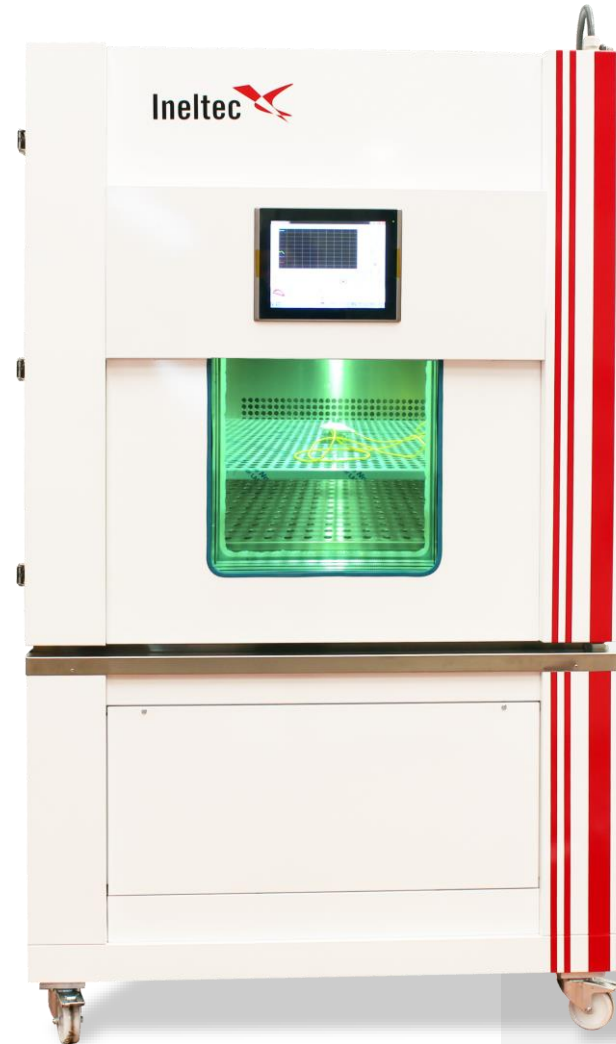
# CLIMATIC CHAMBERS FOR COMBINED TESTS

Climatic **tests combined with** testing bench, vibration, pulsating pressure, fatigue, solar radiation, mechanical, rupture, etc. They are **special customized equipment** for the client in order to meet their needs.



Chamber to adapt to  
a **testing bench**

Chamber with **solar radiation**  
and **spray system**



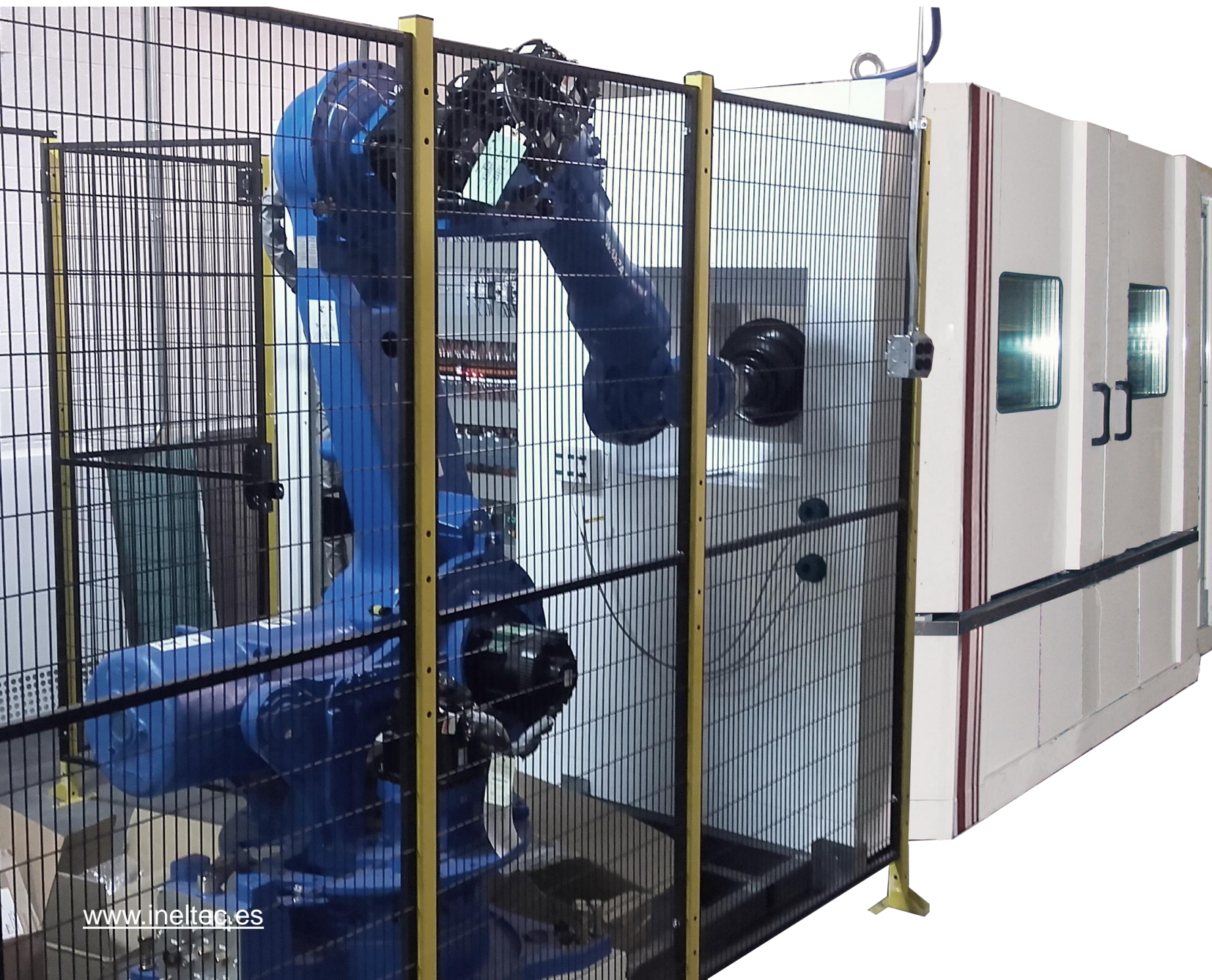
Chamber with  
**solar radiation**

## Combined climatic chamber to adapt a shaker



It is designed for **automation** components and **electronic** elements





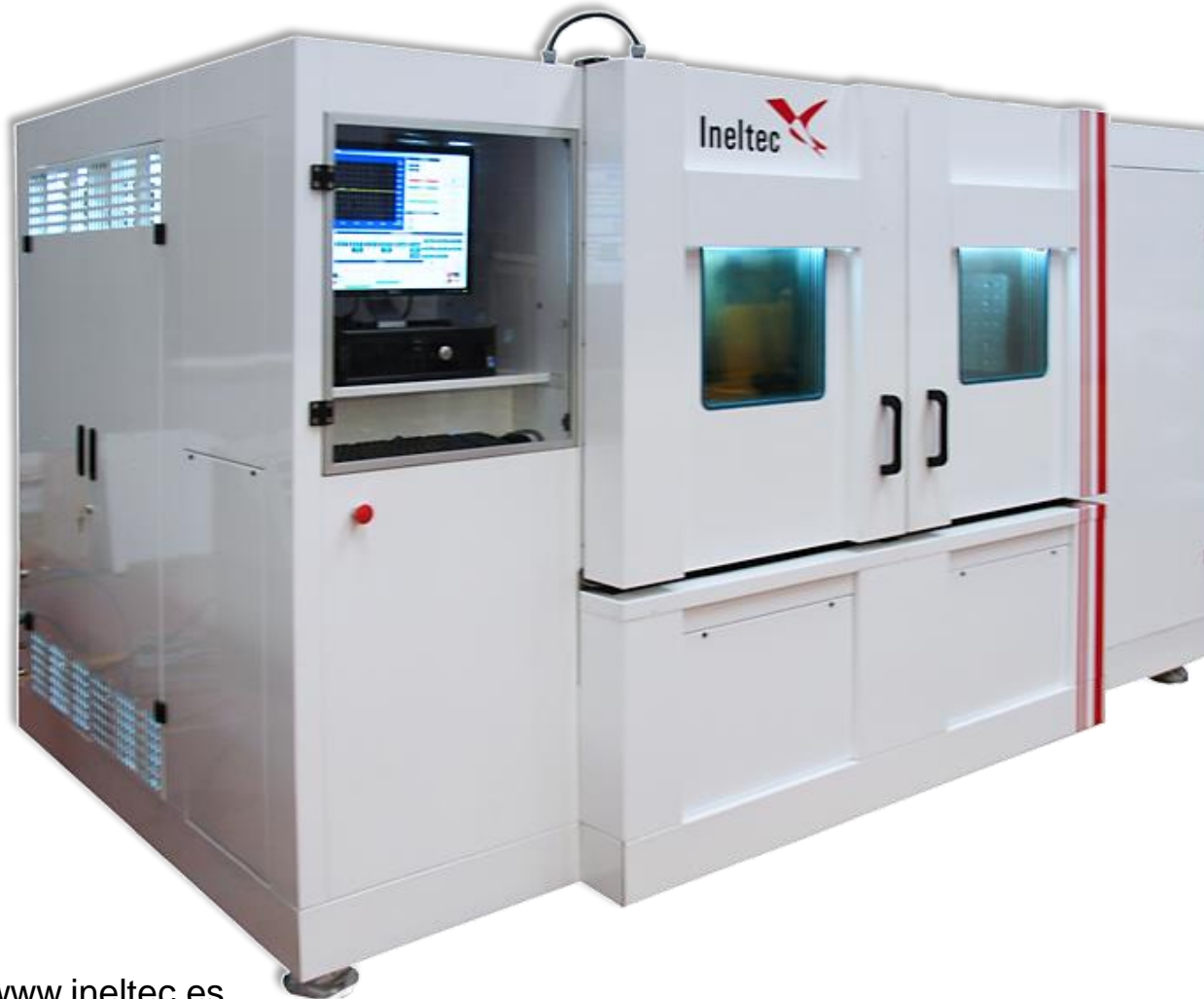
With **pulsating pressure** and arm robot



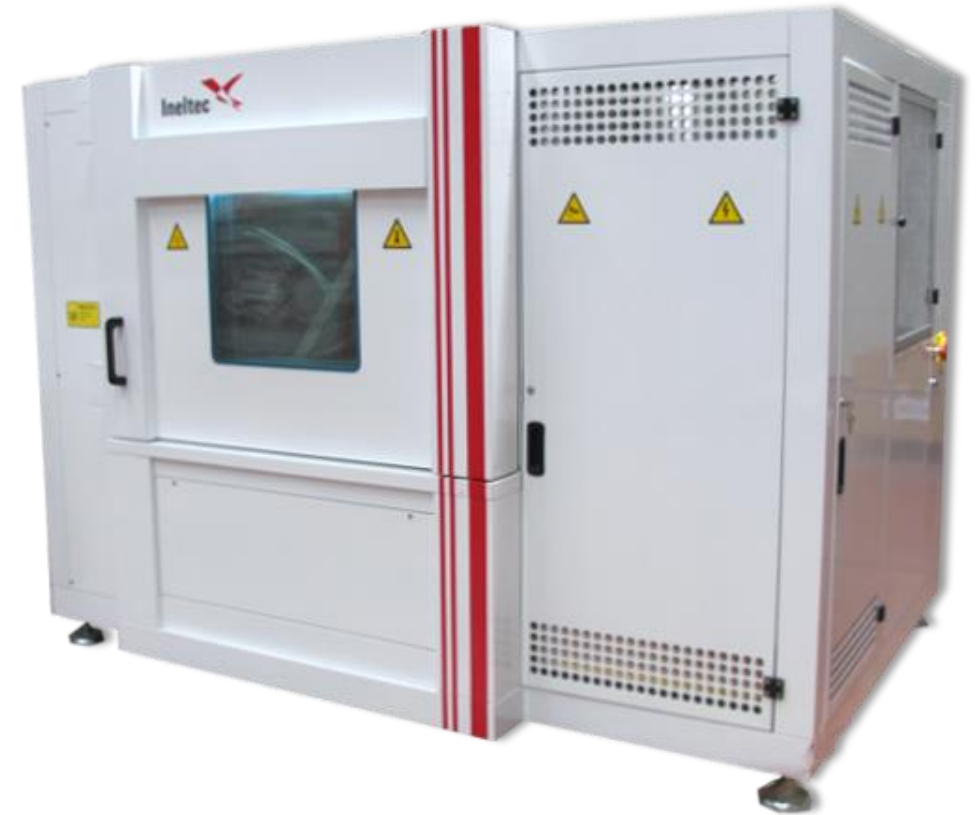
With **pulsating pressure and hydraulic vibration**



Climatic chamber combined with  
**vacuum and vibration tests**



[www.ineltec.es](http://www.ineltec.es)



Climatic chamber combined with  
**pulsating pressure and vibration tests**  
for leakage control.

# Liquid + Air Thermal Shock





Temperature Chamber to  
**adapt to attraction bench**



# SPECIAL CLIMATIC CHAMBERS

Special chambers are manufactured on request and with the aim of achieving cost-effective and efficient solutions to meet their needs. There are some **examples**:



Climatic chambers with **access holes**

S

Climatic VRT chamber  
of rapid temperature  
variation



Low pressure  
(altitude)



**Different  
compartments**



[www.ineltec.es](http://www.ineltec.es)



Chamber for **solar panels according to regulations IEC 61215-2 , IEC 61730-2, IEC 60068-3-5**

Chamber with **tensile testing bench**



Chamber with **traction and compression testing bench**



Chamber with  
**special sample  
holder**



**Cryogenic  
Valve  
Chamber**



## Special climatic modular chamber

Walk-In climatic modular chamber with fixed floor



[www.ineltec.es](http://www.ineltec.es)



Chamber for ATEX atmosphere





### **Double environment Climatic chamber**

Double climate room. The piece to be tested is placed in the central module, the side modules have grommets for the injection of heat or cold.

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**We are the  
engineering  
based in  
the  
experience.**