

# Now available: Thermo Scientific™ Heratherm™ 250L Environmental Chambers

Three types of chambers:

*Incubation, Stability, CO2*

Programmability, USB export,  
Cloud Service ready

2 Standard access ports

Touch screen UI,  
secure access control



**ESG250**



**ESS250**

Two door choices:

*Solid door, Glass door*

Peltier Heating & Cooling



Low Water & Energy Consumption



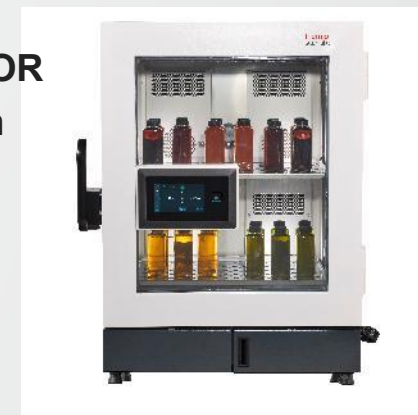
Integrated water tank OR  
clean water connection

Great performance for:

*Stability & Shelf-life testing*

*Incubation*

*Controlled storage*



Heratherm Environmental Chambers - Precise Control, Exceptional Results

# Target Market: Shelf-life and Stability Testing

## Shelf-life Testing

- Long term stability testing, done in real time for consumer goods like food and beverages. This testing may take multiple years to complete, concurrent with product release.
- Test is conducted in final packaging.

## Stability Testing

- Materials and Chemicals Testing
  - Essentially the same protocols as other stability testing applications, just different products



Customer needs to test multiple conditions?

Use 2(+) small chambers

## Pharmacologic Products

- Raw Materials
- Bulk Active Ingredients
- Drug Substance (intermediate)
- Drug Product (final)
- Packaging & Containers

## Food & Bev Products

- Food Shelf Life
- Beverage Photostability
- Bulk Ingredients
- Final Product Shelf Life
- Packaging & Containers

## Other Consumer Goods

- Cosmetics
- Animal Pharmaceuticals
- Electric Batteries
- Plastic Materials & Packaging
- Detergents