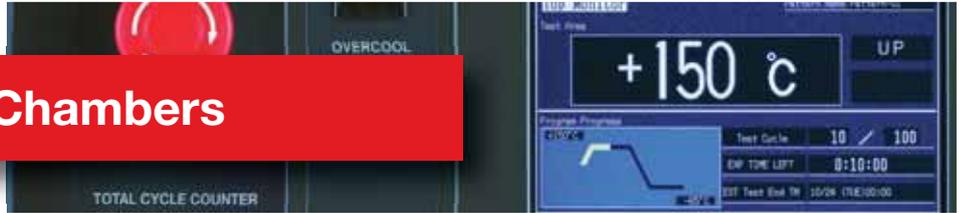




# Furnace Engineering

*Leaders in Heat Processing Solutions*

## Environmental Test Chambers



# ESPEC

Quality is more than a word

### Applications:

ESPEC environmental chambers are capable of providing various temperature, humidity, pressure and vibration conditions.

Furnace Engineering represent ESPEC in Australia who are the world's largest company solely dedicated to the manufacture of environmental chambers.

ESPEC offer testing systems to confirm components reliability in various industries including automobile and its suppliers, aviation/aerospace, construction, electrical/electronics, chemical and pharmaceutical.

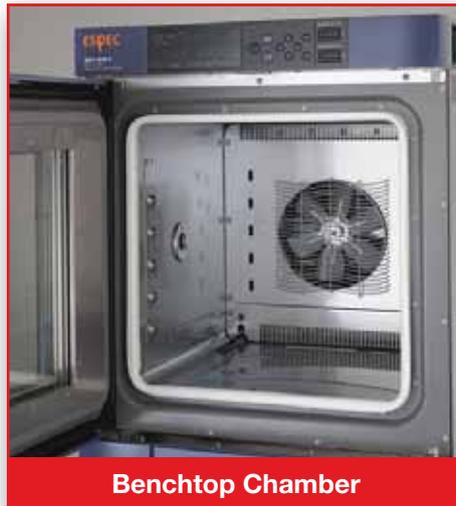
Many of the chambers include optional features or customisation to exactly fit the application.

Espec's wide range of environmental test chambers includes:

- Benchtops
- Reach-ins
- Thermal Shock
- Walk Ins
- Specialty Chambers



Drive-In Chamber



Benchtop Chamber



Reach-In Chamber



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2008 Governor of Victoria  
**Export Awards**  
Commendee

[www.furnace.com.au](http://www.furnace.com.au)

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**Benchtops**

- Fifteen benchtops in the range
- Temp-only or Temp/humidity
- Range from -70 to 180°C
- Sizes from 22 to 105L
- 30 to 95% RH
- Popular models in stock



**Reach-ins**

- Five chamber series
- Steady-state temperature or cycling up to 20°C/min.
- Humidity control modules
- Range from -85 to 180°C
- Sizes from 225 to 3200L
- 10 to 98% RH



**Thermal Shock Chambers**

- Eighteen different thermal shock chambers
- Range including air-to-air and liquid-to-liquid thermal shock testing
- Range from -75 to 200°C
- Sizes from 2 to 300L



**Walk-Ins**

- Standard and custom walk-in environmental test chambers
- Solid or panelised for site assembly
- Drive-in chambers for automotive testing



**Speciality Chambers**

- HAST
- Environmental Stress Screening (ESS)
- Altitude (up to 30,000m)
- Rain/spray
- Dust chambers
- Solar panel testing
- Custom chambers



**Instrumentation**

- A variety of user friendly controls available
- Basic LED & full colour LCD touch screens available
- Suitable for a variety of computer interfaces including IEEE-GPIB, RS485 & Ethernet
- Digital chart recorders

**ESPEC have a wide variety of test chambers; as shown above. To view the full range of ESPEC units visit [www.espec.co.jp/english](http://www.espec.co.jp/english) or [www.espec.com](http://www.espec.com).**



**Furnace Engineering**  
[www.furnace.com.au](http://www.furnace.com.au)