



ZETATEK[®]
Committed to Excellence

**Simulating Environments
Since 1990.**



Industrial Ovens

Introduction

Zetatek is a global leader in high performance industrial ovens and other thermal products. Components and material can be tested under various heating conditions in a safe, reliable and efficient way. These Industrial Ovens stand out for their brilliant design, exceptional build quality, performance and reliability.

Combining over three decades of experience in the design and manufacture of environmental test chambers, Zetatek, the market leader in the industry, offers industrial ovens varying from 30 litres to 1000 litres. They have a temperature range from Ambient to +250°C

Features

- The test space made from stainless steel 304 and is welded air tight.
- Multilayer composite insulation provides resistance against high and low temperature with just 100mm insulation thickness.
- The door can be easily engaged and disengaged with an elegant rotary latch.
- Exhaust damper helps in ventilating and faster cooling of chamber
- Bottom sheet with baffles is used to uniformly distribute the air throughout the test space
- Multiple High temperature protections

Klima Controller

- Connectable to chamber through Ethernet, Wi-Fi or Serial Port (RS-485, RS-232)
- Multiple touchscreen options: 7", 10" and 15"
- Multiple user levels with passcode access
- Numerical and graphical visualization of test parameters
- Synoptic chart for status monitoring
- Program and Manual mode of chamber operation
- Test data logging for easy analysis and graphing

Options

- Multi-level adjustable wire shelves.
- Inspection window with multilayer vacuum sealed toughened glass
- External electrical terminals
- Multiple independent sensors for temperature measurement
- External panels made from stainless steel
- Multiple portholes of 75mm or 125 mm diameter.
- Automatic Damper

Specifications

Models		ZOC-3	ZOC-6	ZOC-12	ZOC-25	ZOF-4	ZOF-6	ZOF-8	ZOF-10
Dimensions									
Test Space Volume (l)		31	62	126	253	393	591	769	1030
Internal Dimensions (mm)	w	312	400	540	600	700	825	900	1000
	d	320	340	390	650	730	700	950	1030
	h	312	460	600	650	770	1025	900	1000
Temperature Performance									
Temperature Range (°C)		Ambient to +250							
Heating Rate (°C/min)		1 to 5							
Temperature Stability (°C) ³		±0.5 to ±1							
Temperature Homogeneity (°C)		±1							
Electrical									
Supply Voltage		415v ±10% / 50Hz ±3% / 3+N+G or 230v ± 10% /50Hz ±3%							



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