

# CET/e and CETM/e

## Thermal Chambers for Universal Test Machines

- Portable
- Temperature range: -100°C to +350°C
- Volumes from 25 to 1000 liters
- Humidity optional
- Adaptable for any kind of UTM
- CE mark



**DYCOMETAL EQUIPOS DE C.C., S.L.**

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## FEATURES:

### Construction

CET/e and CETM/e chambers are manufactured in AISI-304 stainless steel, with high temperature fiberglass or ceramic wool insulation. No asbestos is used in chamber construction. Built externally, based galvanized steel sheet with oven-dried acrylic paint to RAL-9010. Chamber doors with viewing window.

The chambers includes two ports (in the base and in the roof of the chamber) to introduce the jaws of the UTM.

### Conditioning

Chamber air is recirculated by a blower discharging to create a uniform environment around sample. The blower is driven by a motor. Heaters raise chamber temperature as required.

For cooling operation, different alternatives are used: mechanically cooled systems, liquid nitrogen or liquid carbon dioxide

### Control

CET/e and CETM/e are furnished with a Eurotherm programmable controller, which includes a LED display with alphanumeric keyboard.

Temperature inside the chamber is measured by a precision thermocouple, Pt-100.



### Accessories

- Humidity system
- Oblong hole
- Access port with sealing plug
- Interior light
- Door cutoff switch
- Ethernet port
- Adjustable height structure

## TECHNICAL SPECIFICATIONS:

Model			CET-.../40e	CET-.../60e	CET-.../73e	CET-.../106e	CET-.../343e
			CETM-.../40e	CETM-.../60e	CETM-.../73e	CETM-.../106e	CETM-.../343e
Volume*	Liters		40	60	73	106	343
Internal Dimensions	Height	mm	400	500	650	660	700
	Width	mm	250	300	250	400	700
	Depth	mm	400	400	450	400	700
External dimensions	Height	mm	600	800	930	950	1000
	Width	mm	430	600	530	690	1000
	Depth	mm	770	900	900	890	1200

\* Other sizes on request.

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