

CCK and CETM

Lithium Battery Test Chamber

- Volumes: up to 3000 liters
- Different temperature ranges
- Construction: stainless steel
- Reliable construction
- Turnkey designs
- CE mark



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

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FEATURES:

Construction

CCK/e and **CETM/e** chambers are manufactured in 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 security viewing window.

Interior workspace is designed to minimize sparking, greatly reduces the risk of explosion during testing.

Safety Elements

- Reinforced structure to support explosions.
- Additional temperature limiters: sensors to detect overheating in samples.
- Interior elements anti-sparks
- Fast interior pressure release by rupture membrane
- Electromagnetic door lock with reinforced interlock.
- Detection of high levels of H₂ and CO.
- Interior inerting with/without O₂ level measurement.
- Interior forced cooling.
- Fire detection and extinction by flow of CO₂ in the workspace.



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.

Standards

- SAE J 2464
- UL 2580
- UL 1642
- IEC 62660-2
- IEC 61960
- IEC 62281
- UN/DOT 38.3

OTHER EQUIPMENTS:

All the security and safety elements could be installed in another systems like: thermal shock, chambers, vibration chambers, heating ovens or walk-in test chambers.



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