

【隔熱性能量測設備】

本設備是利用恆溫恆濕環境控制箱進行模擬室內外環境條件，並使用穩態熱傳遞性質測定法及保護熱箱法或校正熱箱法等，量測實尺寸樣品的隔熱性能(U 值)，樣品尺寸規格一般小於 150 cm×150cm×15 cm，以提供廠商檢測服務之試體，包含門、窗、牆板及其他建築物相關的部件。本設備依據 ISO 8990 及 CNS 16117 測試標準，確保測試的可靠性和再現性。

【Thermal Transmittance (U-value) Test chamber】

This equipment was designed for testing elements and components used for construction, such as windows, doors and roofs. Two climate chambers are used basically to simulate the temperature, relative humidity and the natural convection inside and outside a building.

It could determine the steady-state thermal transmission properties according to EN ISO 8990 and CNS16117. The required minimum size of the specimen is 150 cm×150cm×15 cm.



隔熱性能量測設備(Thermal Transmittance (U-value) Test chamber)