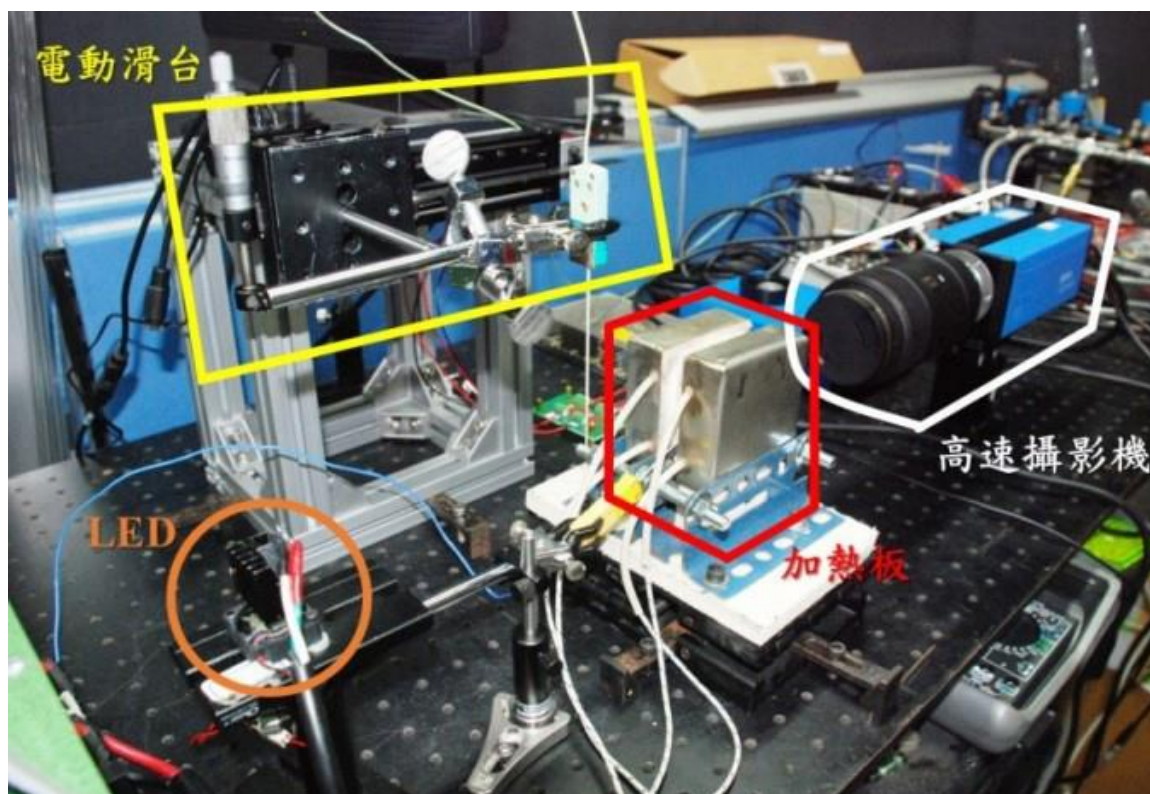


【單顆懸掛液滴】

單顆懸掛液滴系統是模擬單一液滴在不同環境溫度下的受熱行為與燃燒型態。此系統具備加熱裝置、溫度記錄系統、影像擷取系統及溫度與影像數據同步系統。可供研究不同液態燃料其液滴受熱行為、微爆與燃燒現象之參考。

【Suspended Droplet Combustion System】

The suspended droplet combustion system simulates the heating behavior and combustion pattern of a single droplet under different ambient temperatures. This system is equipped with a heater, a temperature recording system, an image capture system, and a temperature and image data synchronization system. It can be used to study the vaporization, micro-explosion and combustion characteristics of different oil droplets.



單顆懸掛液滴 (Suspended Droplet Combustion System)