



Chemiluminescence Imaging for Characterizing Combustion Reactions

Chemiluminescence Imaging in combustion experiments helps identify the size and shape of the reaction region when fuel is burned. Most important is the emission from OH and CH radicals at 307nm and 430nm. An ICCD with short gating and using appropriate filters can take snapshots of the luminescence of either molecule.

Featured Paper/Publication:

[Flame structure of methane/oxygen shear coaxial jet with velocity ratio using high-speed imaging and OH*, CH* chemiluminescence](#), Acta Astronautica, 2018

Reference Lab:

Woongsup Yoon, Yonsei University, Korea

Featured Product:

[PI-MAX](#)

