

[ECN Home](#)

Experimental Diagnostics

Experimental Data

Constant-Volume Diesel Combustion

[1 Experimental Data Search](#)[2 Combustion Vessel Geometry](#)[3 Ambient Conditions](#)[4 Thermal & Velocity Distribution](#)[5 Injector Characterization](#)[6 Fuels](#)[7 Definitions](#)[8 Experimental Diagnostics](#)[8.1 Soot](#)[8.2 Jet Penetration](#)[8.3 Liquid Penetration Length](#)[8.4 Lift-Off Length](#)[8.5 Ignition Delay](#)[8.6 High-Speed Movies & Flow Visualization](#)

With full optical access, many different diagnostics have been applied in the combustion vessel. Sub-links at the left provide a detailed description of these measurement techniques.

[Soot Volume Fraction](#)[Jet Penetration](#)[Liquid Penetration Length](#)[Lift-Off Length](#)[Ignition Delay](#)[High-Speed Movies & Flow Visualization](#)

Related Internet Sites

References

Tutorial: Diesel Spray Visualization

For further information, contact [Web Grand Pooh-Bar](#)
Last Modified on January 5, 2007