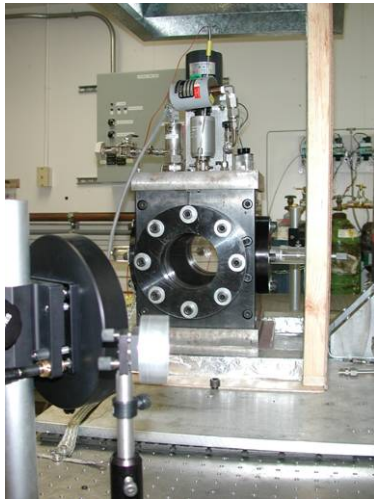


Joe Shepherd

Explosion Dynamics Laboratory



400 liter - flame propagation 600 cc –high pressure 1200 liter - transient jet & DDT



11 liter - flame speed
and ignition studies

- Transient jet initiation and DDT
- Ignition energy measurements
- Inerting concentration measurements
- Flammability limits in multicomponent mixtures.
- Automated measurement of flame speeds by optical techniques.
- Modification of fuels by thermal and oxidative methods.
- Pulse detonation engine simulation.

