

# LHMEL

<https://www.ues.com/lhmel>



## LHMEL PROVIDES

Uniform, well characterized, constant heat flux conditions provided by high energy laser systems, combined with air or inert gas flow, advanced diagnostics, and representative loading. LHMEL has provided comprehensive high temperature characterization of current and emerging materials for the aerospace community for over 35 years.

## POINTS OF CONTACT

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## LHMEL CAPABILITIES

- Rapid Heating
- Thermal Simulation
- Flight Environment Simulation
- Thermomechanical Testing
- Material Characterization
- Ablation/Oxidation Studies
- RF Characterization

## APPLICATIONS SUPPORTED

- Tactical Missiles
- Conventional Prompt Global Strike
- Hypersonic Glide
- Ballistic Missile Defense Interceptors
- NASA Propulsions Systems
- NASA Re-Entry Systems
- SBIR Testing
- Radomes

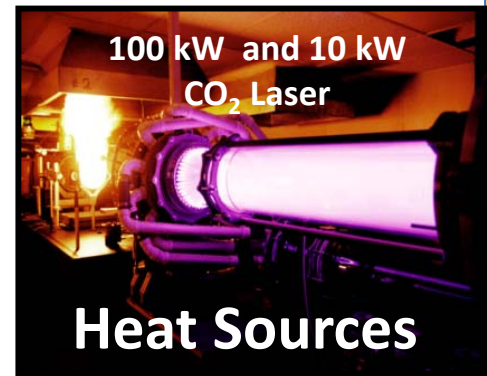
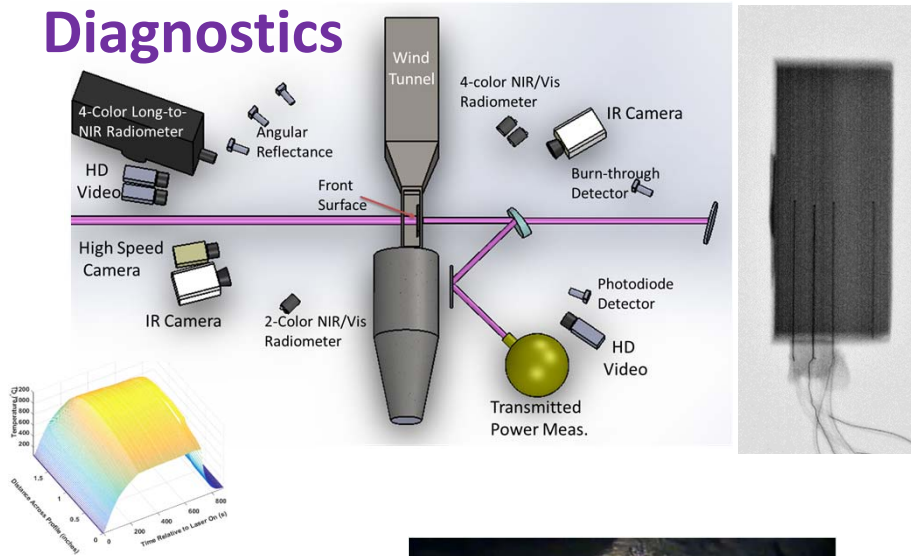


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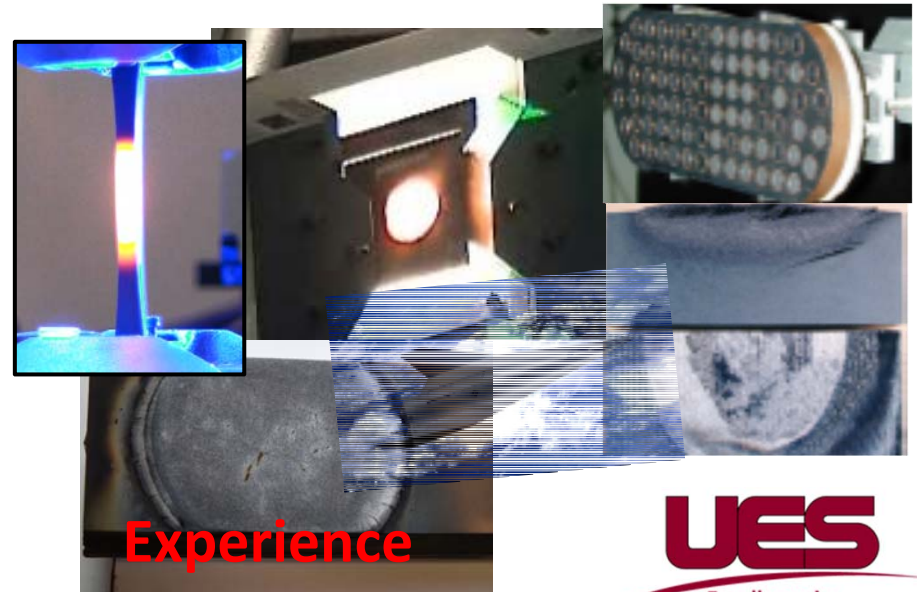
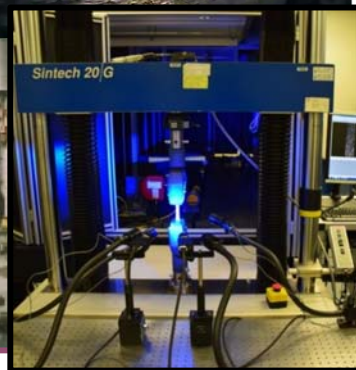
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## Diagnostics



## Environment Simulation



**Experience**

