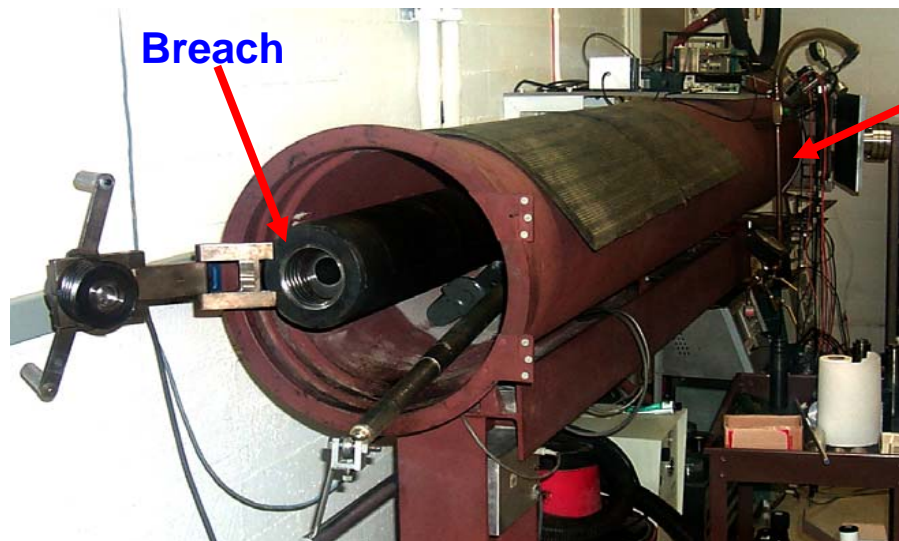


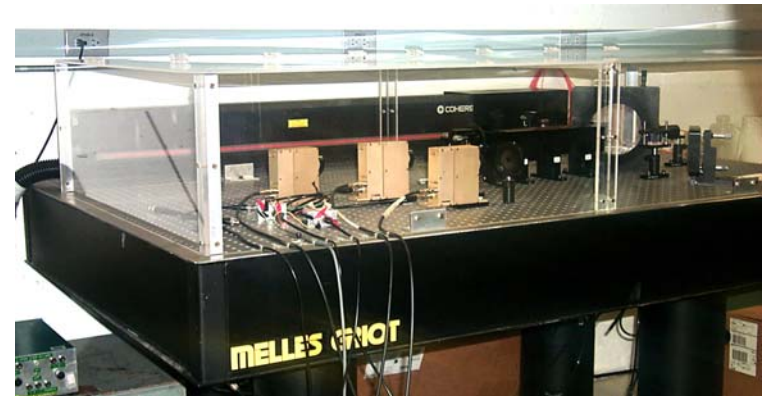
# PLATE IMPACT FACILITY

- The plate impact facility features a propellant gun for studies involving high speed impact and penetration. The system features a dedicated VISAR for measurement of target velocity at the back surface and has been used in conjunction with other high-speed optical and infrared diagnostics.



**Propellant Gun**

**Target Area**



**VISAR System**

- **Plate Impact Facility**
  - Propellant gun with impact speeds from 200 to 2000 m/s
  - VISAR system with adjustable sensitivity (83 to 1510 m/s per fringe) and 125  $\mu\text{m}$  spot size

