

## Custom Systems »

Olson Instruments has developed custom systems for numerous industries in our effort to provide solutions for unusual testing situations and a broad variety of applications. These types of systems were built for oil and gas exploration, seismic investigations, mine and mine safety applications, nuclear facility inspections, structural integrity evaluations, and testing at water and wastewater treatment plants.



Impact Echo Pipe Scanner

Our unique capability to cater to your needs stems from years of experience in not only building the equipment, but in using the equipment in our sister company, Olson Engineering. Both Olson Instruments and Olson Engineering retain a diverse engineering staff ready to take on your toughest issues and cater to all of your NDT and geophysical needs. Please contact our corporate office for further information pertaining to these types of systems.

### Olson's Custom Systems have been used for:

- Rapid integrity testing of pre-stressed concrete cylinder pipes
- Sonic logging of shallow boreholes
- Seismic reflection and refraction surveys
- Modal vibration monitoring for industrial buildings and bridges
- Concrete drill/core guidance systems (*see photo at left*)
- A variety of grout integrity investigations including pre- and post-tensioned ducts in pre-cast beams
- Rapid thickness/integrity scanning of bridge decks (*see photo below*)

### Bridge Deck Scanner™ (BDS™)

*Researched and developed by Olson Engineering, Inc. under NCHRP IDEAS Grant*

