



**Pressure Footprint Instrumentation  
Used in Land Mine Neutralization Tests**

- ! DEVELOPMENT OF EXPLOSIVE AND MECHANICAL TECHNIQUES FOR THE NEUTRALIZATION OF BURIED LAND MINES
- ! EXPERIMENTAL PROGRAM DESIGN AND IMPLEMENTATION
- ! DATA ACQUISITION SYSTEM DESIGN/INTEGRATION
- ! FIELD TESTING, DATA ACQUISITION AND REDUCTION
- ! CHARACTERIZATION OF LAND MINE SHOCK AND BLAST FIELDS

- ! Working with scientific and technical staff at Defence Research Establishment Suffield and with other firms, Amtech is providing engineering and technical support to the Department of National Defence in the development of explosive and mechanical techniques for the neutralization of buried land mines.
- ! Amtech has staff and associates experienced in the design of shock and blast experimental facilities and instrumentation, as well as complex autonomous and remotely controlled systems that have been used in a variety of applications. This experience includes the following:
  - electro-mechanical system design,
  - prototyping of mechanical, imbedded software and electro-mechanical elements,
  - system integration and bench and field testing, and
  - engineering liaison with manufacturing facilities.
- ! Staff and associate experience includes the development of experimental gun and shock and blast facilities.

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