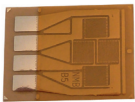


We offer a wide range of high quality foil and encapsulated foil strain gauges which are used in many applications across OEM and Test & Measurement markets.

### Foil strain gauges for transducers and stress analysis

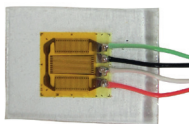
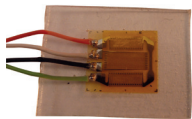
- Fully wired and encapsulated options for quick installation
- High temperature strain gauges to 1325°C
- Standard and custom range of weldable gauges available
- Installation service
- Wide range of accessories



### Foil Strain Gauges

A range of transducer and stress analysis gauges in many sizes, to suit many different applications. Patterns include linear, shear, rosette, diaphragm and full bridge designs.

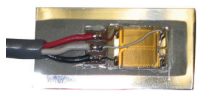
- High precision
- 120, 350 and 1000 ohm
- Temperature ranges to 300°C
- Self temperature compensation
- Creep compensation available
- Encapsulation and lead options



### Encapsulated

We offer a range of strain gauges suited to stress analysis applications. These are polyurethane encapsulated gauges with a range of lead-out options.

- Fully wired designs for ease of installation
- Installation in a few minutes using cyanoacrylate adhesives
- Custom gauge assemblies available
- The encapsulation offers mechanical, chemical and moisture protection
- Gauges may be used without further protection



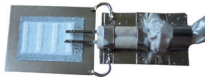
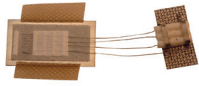
### Weldable

We offer a range of strain gauges mounted by micro spot welds for rapid installation. They are available in a wide range of configurations, gauge types and temperature ranges.

- Simple installation
- Integral cable options
- ¼, ½ or full-bridge
- Pre-curved shim option
- Cryogenic to 120°C

### High Temperature Strain Gauges

Our high temperature strain gauges come in a variety of configurations and mounting methods and cover the temp range 200°C to 1325°C.

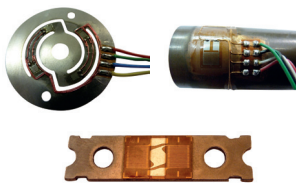


#### Ceramic mounted

- Ceramic adhesive or Rokide flame-spray mounting
- Karma and Nichrome V, Platinum tungsten alloy available
- Self temperature compensation with K alloy
- Small sizes available
- Non-magnetic material
- High fatigue life

#### Weldable

- Stainless or inconel shim
- Simple installation
- Cable options
- 1/4, 1/2 or full bridge
- Custom designs
- To 800°C



### Installation

Our engineers have many year's experience in the strain gauge installation area, ensuring that your project is completed successfully. We offer facilities for flame spraying ceramic Rod (Rokide) ceramic powder and metal powder for installation of strain gauges, thermocouples and insulation coatings.



### Instrumentation

We offer signal conditioning, data acquisition and installation test instrumentation for strain gauges and their installation.

- Strain gauge tester and indicator
- Amplifiers
- Wireless amplifiers
- Data acquisition systems



### Accessories

We offer a wide range of accessories for the successful installation of strain gauges. These include cleaning materials, adhesives, coatings, wire, cable etc.