



# Acam Instrumentation Ltd

Mounts Business Park, 23 Thomas Street  
Northampton NN1 3EN

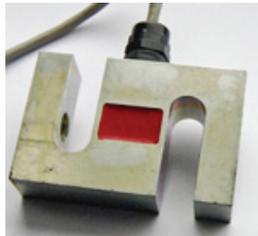
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We manufacture a wide of load cells for applications in General Industry, Medical and Military Areas.

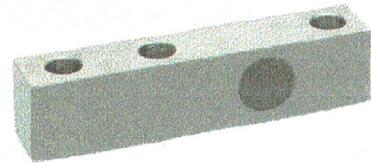
We have over 40 years experience working with Foil and Semiconductor Strain Gauges in the manufacture of Load Cells.

We produce Single and Double Ended Beams using Shear Beam Tecnology, S Beam tension and compression Load Cells.

We can manufacture using a variety of materials dependent upon application that include stainless steel, EN24T, Inconel and titanium.



Typical Load Cell



Shear Beam Load Cell

We can manufacture Load Cells for temperatures up to 300 degrees C with a degree of environmental protection. This can vary from a single coating for OEM units being fitted inside a customers equipment to a hermetically sealed unit.

We understand that, as a sensor, the Load Cell is unique as it has to support the load and must be compatible with the customers interface. We will support the customer in designing a specific system to achieve this.

## Customer Questionnaire

Measure & Pressure	
Range - Value and Units	
Size - Describe	
Mechanical Interface / Thread or Face Size	
Electrical Interface - Cable or Connector	
Temperature Range - Deg C / Deg F	
Fluids Involved - On Case	
Vibration or Shock - Give Values	
Application - Helps with Design	
Type ABS / Gauge / Differential	

# Load Cells