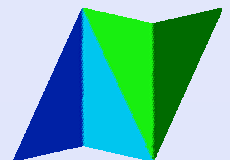




## General Assemblies

With many years experience in combining electronic assemblies with mechanical engineering, our electro-mechanical department compliments our printed circuit board and other assembly departments to offer a complete manufacturing service.

- Complete product design & build
- Turnkey project capability
- Combining of electronics and software with mechanical engineering
- Full engineering & functional testing
- Design & build of custom test equipment
- Precision engineering
- Fabrication
- Complete product packaging & shipment to customer specification
- Products include:
  - Integrated systems
  - Laboratory equipment
  - Level sensor systems
  - On Train Monitor Recorder OTMR
  - Track deicing systems
  - Control panels & cabinets
  - Video distribution equipment





## Bespoke Product Design & Manufacture

Complete products are frequently designed, developed and manufactured for customers, who benefit from our experience and ingenuity. We provide a complete range of bespoke services including:

- Engineering solutions
- Software programming
- Product certification
- Complete product build

## Environmental testing

Arrowvale has a number of environmental chambers, capable of operating to extreme temperatures on both ends of the scale, to provide the following service:

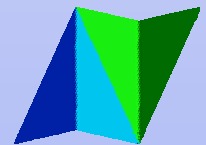
- Accelerated life testing
- Environmental Stress Screening (ESS)
- Thermal cycling with rapid ramping
- Functional operation of units under test during cycling
- Monitoring of units under test with continuous data logging



IP dust testing

## Product Certification

A wide range of product certifications are available including Ingress Protection (IP), ElectroMagnetic Compatibility (EMC), Vibration, Thermal Protection/Fire Rating and CE Marking (Conformité Européenne).



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