



# SUCCESS STORY

## Custom Test Facility for Space Applications

*Leading European test facility for components, materials and equipment*

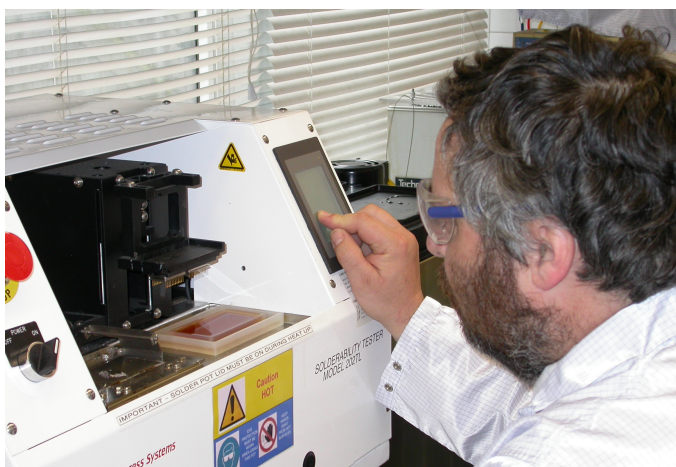
Spectrum Control's Great Yarmouth Test House facility offers over 70 years' experience in certified testing, combining test methods, capabilities and techniques to meet all space component and assembly testing requirements.

Spectrum Control's Test House is equipped with the most up-to-date screening equipment to replicate the toughest, most challenging environments in order to test products to the limits of endurance.

### **The right equipment, the right approvals and the right experience**

With a combination of specialist test methods and decades of experience in the Space market, Spectrum Control is in a unique position to conduct tests such as Air-to-Air and Liquid-to-Liquid thermal shock, High-level Mechanical Shock, High-Level Constant Acceleration and Solderability.

***Spectrum Control (Great Yarmouth) is the only European facility to hold DLA Laboratory Suitability status for defined MIL-STD-883 test methods***



*Solderability testing at Spectrum Control Great Yarmouth*



### **Certified test methods include:**

#### **Climatic Testing**

- Dry heat and dry cold • Damp heat • Low air pressure
- Thermal shock, liquid-to-liquid, and air-to-air
- Temperature cycling • Electrical endurance
- Salt atmosphere/corrosion

#### **Dynamic Testing**

- Vibration • Shock • Bump • Acceleration

### **Internationally recognized approvals:**

- MIL-STD-750 (US DOD Test Method Standard for Semiconductors)
- MIL-STD-202 (US DOD Test Method Standard for Electronic Electrical Component Parts)
- MIL-STD-810 (Environmental Engineering Considerations and Laboratory Tests)