

IMR

Industrial Material Recycling Ltd.

creating value from waste

IMR Case Study Point of Sales Display Unit Recycling

THE MARKET SECTOR

Glossy, state of the art POS Display units are a part of our everyday lives with thousands produced each year to display a wide range of items from cosmetic products to portable electronics.

Produced from a multitude of different plastic, metal, electronic, paper and wood materials at the end of their service life they present a challenge to recycle.



THE RECYCLING CHALLENGE

Complex Assemblies — Multiple Materials

POS display units and the sub-assemblies used within have been developed to display an end product to its full potential, rather than for ease of potential recycling.



Sub-assemblies are based on a combination of materials that need to be separated before individual materials can be recycled.



Through the use of lean manufacturing techniques, simple operations can be developed so the units can be broken down economically. This allows component materials to be recycled and the value within the components to be recovered.

IMR DELIVERS

- ✓ Cost effective recycling solution
- ✓ Zero to landfill recycling solution
- ✓ Auditable secure destruction
- ✓ ISO 14001 compliance
- ✓ Reduced carbon footprint through increased recycling

PROJECT BACKGROUND

IMR was approached by a Point of Sale display unit manufacturer with a large number of end of life display units. Instead of sending the units for disposal via landfill they were interested to develop an environmentally acceptable route that would allow a number of component materials to be recycled and re-used.



IMR APPROACH

IMR has extensive experience within the UK manufacturing sector of delivering cost effective solutions to its clients. Through IMR's experience, in-house engineering capability, polymer expertise and extensive network of recycling partners, IMR was able to open and develop a bespoke recycling facility.