



SUMMARY

When Harwell Dosimeters wanted to control the manufacturing quality of their Alanine Pellets they chose CI Precision's weight sorters to accurately weigh each pellet.

The versatile SADE SP weight sorters easily handled the size, shape and weight and offered the high accuracy demanded for this application.

CUSTOMER

Harwell Dosimeters work in the radiation processing business and specialise in the manufacture of dosimeters which are used for measuring the amount of radiation used in sterilizing medical devices. When pellets containing amino acid alanine are irradiated, the measured response is quantitatively related to the radiation dose which the pellet absorbed.

CHALLENGE

- Weight checking cylindrical shape pellets, approx. 5mm diameter, 3mm high and weigh approximately 60mg.

SOLUTION

At first Harwell Dosimeters sent batches of Alanine Pellets to CI Precision to be check weighed.

OUTCOME

As demand grew, Harwell Dosimeters decided that it would be more efficient to purchase their own units. Within ten years the company had purchased three SP-B40 Benchtops and two SP140's.

