

characteristic:

CT technology and the combination of Monte Carlo method, industry leader.

Three-dimensional dose distribution can realize multi-angle tomography.

DUR distribution evaluation report (including source item information, sample information, maximum dose, minimum dose, average dose, dose distribution map, evaluation results, etc.).

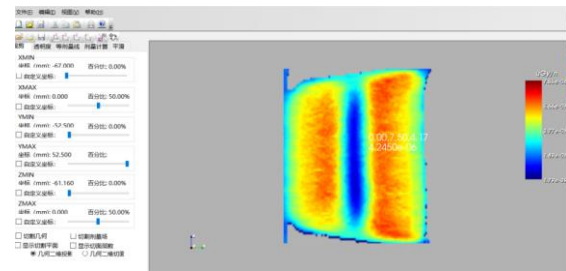
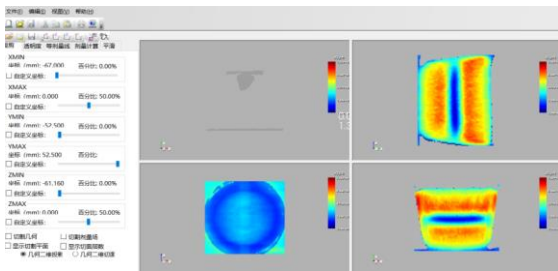
Image processing can be done on a local workstation or through cloud computing.

CT image and DR image output.

DUR spatial distribution analyzer

In the field of irradiation processing, the dose of radiation varies with the depth of energy deposition intensity in the object, so the distribution of the actual dose in the irradiated object is the key step to the irradiation processing technology, production plan and quality control.

SCIRAY dose analyzer based on CT reconstruction technology, combined with the Monte Carlo method to obtain irradiation dose distribution simulation with high speed, simple operation, friendly interface, easy to maintain, accurate and intuitive features. The equipment can help clients build irradiation processing plan, quality control, shorten the processing time to improve efficiency.



System parameters:

- * Based on 2-10MeV accelerator electron beam
- * Detection range: 600mm (W) X600mm (H) X1000mm (L)
- * The mass thickness of the detected object: no more than 15g/cm²
- * Form of cargo: single pallet or consolidation
- * Data acquisition speed: 60 rpm, slice step 2.5mm/S trigger frequency is about 2kHz

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