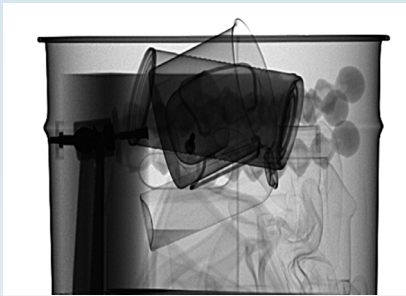
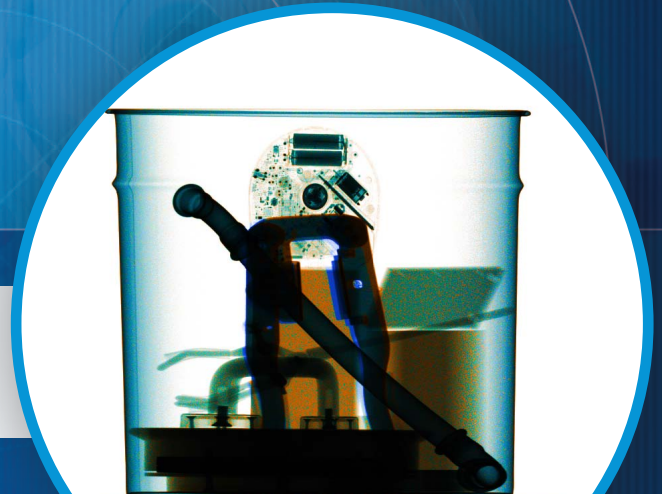




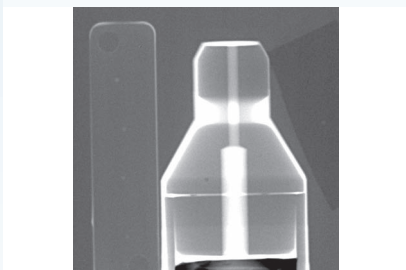
# X-ray inspection for the nuclear industry



Identification of neutron absorber in waste



Polythene in waste barrel



X-ray of component

## X-ray inspection for the nuclear industry

X-ray inspection has become a widely used technique for inspecting equipment and waste in the nuclear industry. X-ray inspection offers the capability to detect, measure and analyse features normally hidden from view.

3DX-RAY Ltd is a market leader in advanced x-ray inspection systems for the nuclear, industrial and security markets.

### Suitable for

- In-line production inspection
- Laboratory forensic investigations
- Container or drum inspection
- Weld inspection
- Monitoring integrity and safety of plant and machinery

### Products and services

- Laboratory and in-line systems
- Static, mobile and portable systems
- Standard and bespoke systems
- Manual & fully automated systems
- X-ray components
- X-ray inspection services
- Evaluation services
- Refurbishment of equipment

## Products and Services

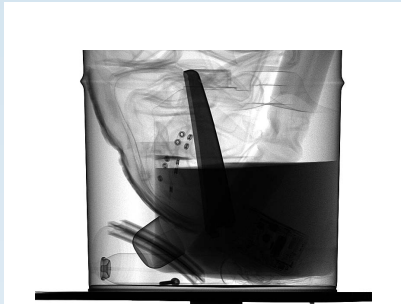
Providing both standard and custom solutions 3DX-RAY works closely with customers to understand their particular inspection requirements, investigate potential solutions and propose appropriate systems to meet their needs.

3DX-RAY offers a range of standard fixed and portable x-ray imaging system and x-ray components (HV generators, x-ray tube heads, x-ray monoblocks and x-ray system controllers).

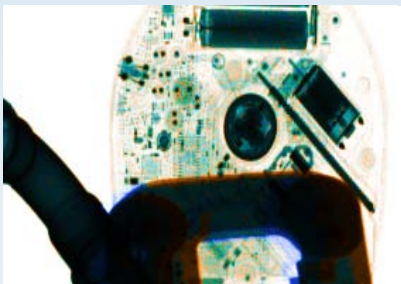
The company will also undertake customised hardware and software development projects as part of larger programmes or as complete dedicated turn-key systems. Service, support and, where appropriate, equipment refurbishment can be provided on a worldwide basis either by our own dedicated engineers or through certified support agents. The company offers in-house and on-site x-ray inspection and evaluation services.



# X-ray inspection for the nuclear industry



Waste in barrel



CD and batteries in waste



Polythene in drum mono x-ray image



Analysed image showing potentially neutron absorbing materials

## Sample applications

- **X-ray inspection of bags of assorted waste prior to incineration**

3DX-RAY solution: a cost effective turnkey 3D conveyor system.

- **X-ray system for inspection of waste in drums, including neutron absorbing materials.**

3DX-RAY solution: a bespoke system providing additional analysis of image to assist in the identification of neutron absorbing materials.

- **X-ray inspection of product**

3DX-RAY solution: a new x-ray system for the inspection of product, improving image quality and throughput.

## 3DX-RAY Ltd

3DX-RAY Ltd has developed innovative solutions for a wide range of applications and supplied and support these systems worldwide. Our customers include government departments, military, police, customs, leading industrial manufacturers and the nuclear industry.

Operating in highly regulated sectors (security and nuclear) the company has developed leading edge technology to address the challenging requirements of its customers whilst also conforming to the constraints of the regulator.

## Can we help you?

3DX-RAY Ltd will discuss your specific requirements with you and, where appropriate, conduct an evaluation to ensure that you receive the best information and advice on the appropriate equipment to meet your needs.

## Contact us:

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