



## A Comprehensive Image Performance Evaluation Platform

Universal Test Platform (Any OEM)  
Independent 3<sup>rd</sup> Party  
One Pass  
Zero Downtime  
Fast 5 Mins evaluation  
Forklift Ready / Small Footprint  
Rotatable Mechanism

## CONTACT US

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## XTE™ Cargo

Performance Evaluation,  
Acceptance and Scheduled  
Maintenance of Gamma and  
X-Ray scanners from 1MeV to  
9MeV





## 9 Comprehensive Test

### Test 1 Resolution Test

Image Quality Indicator, IQI on sharpness and blurring of copper wire images in air and behind concealment

### Test 2 and 3 Material Discrimination Air

Organic test of several thickness of explosive surrogate in air

### Test 4 Contrast Sensitivity

Contrast is the measure of density difference between 2 areas. Easier to distinguish features of interest amongst its surrounding. The lower the sensitivity level the better

### Test 5 Material Discrimination Steel

Contraband and explosive test behind steel concealment

### Test 6 Spatial Resolution

The ability of image system to differentiate between 2 nearby objects. Typical thickness ranges from 6mm to 2mm

### Test 7 Material Discrimination

4 types of materials with various thickness are tested ranging from aluminum to organics

### Test 8 Spatial Resolution Concealment

### Test 9 Penetration

The level of penetration of system e.g. 250mm to 350mm steel

## Comparison

Current testing of large tunnel cargo gantry, portal and mobile x-ray or gamma scanners requires 1 to 2 days downtime.

Typical test piece

- Cannot be angled to meet X-Ray perpendicularly
- Too cumbersome and large to maneuver for frequent testing

### XTE™ 1 and XTE™ 2

- Non disruptive can easily be scheduled for monthly maintenance.
- Offers both subjective and objective DISCOS testing using **XTE™ Unify**
- Easy loading (standard pellet size)
- Rotatable Mechanism
- Open architecture ACRIS ready

## Dimension

### XTE™ 1

- **Dimension: 1100mm x 1100mm x 807mm**
- **Weight: 300kg - 350kg (depend on model)**
- **Test 1 to Test 5**

### XTE™ 2

- **Dimension: 1100mm x 1100mm x 723mm**
- **Weight: 350kg- 500kg**
- **Includes Test 6 to Test 9**

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