

OPERATOR-ASSISTED TOOLS – INDICATOR

X-TEST Product No.: SECUR0013

ABOUT THIS KIT

This indicator is part of X-TEST's family of operator-assisted tools. This family of new and most efficient tools was designed to provide security operators with smart, simple and effective solutions in the field of equipment testing, calibration and standardization. X-TEST's X-Ray Indicator is designed to address one of the most common challenges in the security screening process and that is: the lack of information obtained by X-Ray detectors when screening dense materials, also known as the: "Dark Alarm". To address this phenomena, X-TEST's X-Ray Indicator is intended as an operator-assisted tool, to allow X-Ray operators to determine whether the X-Ray penetration is sufficient in order to make a security decision when encountering a suspicious 'Dark alarm'.

TARGET AUDIENCE

X-Ray equipment owners and users: operators, supervisors and auditors.



PLACEMENT AND USE

X-TEST's X-Ray Indicator is designed as a flat surface filled with very dense metal balls. Upon suspecting a 'Dark Alarm', the operator can easily place the Indicator between the screened item and the detectors and scan them both



OUTCOME AND RESULT

The outcome of such additional scan may or may not result in a **visible** image of the X-TEST's X-Ray Indicator's metal balls. Visible metal balls will indicate that the item is not as dense, and therefore some X-Ray penetration occurs after all. In such a case, the security operator should proceed according the local SOP for materials that appear dark but are not categorized as a 'Dark Alarm'.

Invisible metal balls will require the operator for maximization of means by further image lightening to the lightest value possible. Still invisible metal balls then will indicate that the X-Ray beam does not penetrate the material. This would be an indication of a 'Dark Alarm' which implies that X-Ray technology is not adequate for this type of item and requires the address of other security measures

