



**YORK
TEST
PIECES**

Unit 9
Becklands Close
Boroughbridge
North Yorkshire
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UNITED KINGDOM

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IEDSTP

Improved Explosive Device (IED) Standard Test Piece

Mobile Security X-ray Test Piece

IEDSTP is a pair of test pieces designed specifically for use with IED mobile security x-ray imaging systems. IEDSTP can be used quickly and easily on a routine basis to provide an ongoing check of imaging performance, particularly those aspects which are most liable to deterioration. Image quality is measured simply by taking defined measurements or by counting the number of details detected or resolved in the image. Recording these numbers over time will show any trend suggesting deterioration in imaging performance.

Test 1	Useful penetration
Test 2	Organic material detection
Test 3	Spatial resolution
Test 4	Dynamic range
Test 5	Noise (NEQ)
Test 6	Flatness of field
Test 7	Image extent
Test 8	Image area
Test 9	Aspect ratio
Test 10	Wire visibility

The IEDSTP is supplied in a protective case with a user manual.



For Mobile
Imaging
Systems



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fig. 1 IEDSTP - test pieces A and B



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fig. 2 IEDSTP - in case



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fig.4 IEDSTP - carry case