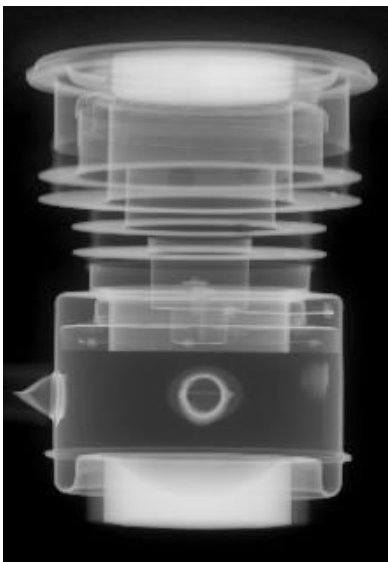


## InspeX Range

AST provides a cutting edge range of X-ray screens for imaging anything from a fine weld structure to waste drum and other decommissioned components. AST's non-burn formulations and large area production capabilities provide unique screens to the NDT marketplace.

**InspeX Fine** screens are high definition screens providing superior like for like resolution and light output when compared with competitive products. The screens provide unique non-burn properties under high x-ray flux, often encountered in NDT imaging, allowing maintenance down time to be kept to a minimum. They are commonly used in micro focus X-ray applications where often state-of-the-art amorphous silicon flat panels are employed.

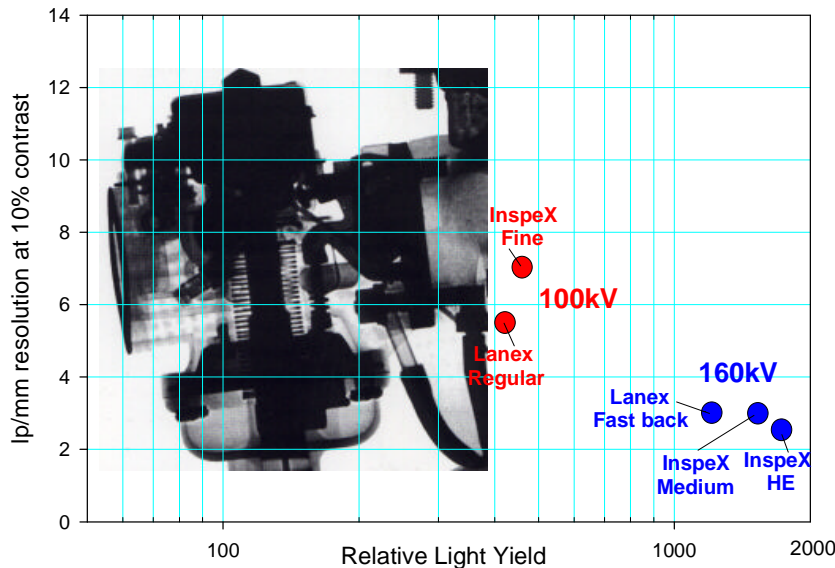


**InspeX Medium** is a non-burn general radiographic screen for use in inspection such as engine, pipeline or test equipment quality control imaging. The superior gain characteristics of InspeX Medium make it particularly suited for use in light starved environments such as lens-coupled systems, where it provides the optimum compromise between resolution and light output.

**InspeX HE** is a non-burn high absorption screen for high-energy radiography. The use of larger particle size material coupled with reflective backings allows maximum light output for high contrast imaging. These screens are commonly found in inspection systems used to monitor products as diverse as metal components, castings and radioactive waste drums.



## InspeX screens vs competitive screens



## Availability

Free sample screens 75mm x 75mm are available on request.

The InspeX range of screens comes in standard sizes: 30cm x 40cm, 14" x 17" and 17" x 17". Custom sizes are available up to the largest commercially available size of 1m x 1.5m. These screens can be optionally mounted to a variety of backing plates, which include Bakelite, aluminum and specialist plastics. Most screen sizes are available for immediate dispatch

Applied Scintillation Technologies has the knowledge and expertise based on years of experience to partner you in the development of custom products for X-ray imaging in NDT & other applications.

Resolution, sensitivity, speed & colour of response are a few of the parameters that can be influenced in the production of a customised product that more closely relates to your customers' need.

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APPLIED SCINTILLATION TECHNOLOGIES

Product: **InspeX range**