

CDD Xray Product Platform

Complete program of Xray system components designed to deliver a comprehensive range of End-of-Line inspection systems to equipment manufacturers.

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 Based upon its many years of experience, Cheyney has developed a fully integrated product platform for the deployment of a comprehensive range of end-of-line Xray inspection systems. Having been in this industry since its inception, the team at Cheyney posses a unique understanding of the physics and engineering of the equipment, along with a true appreciation of the importance of high reliability design.

<div>The Platform provides the key elements of any automatic Xray system, including Xray generation at different power levels, linear and formatted Xray detectors, safety and control systems, image processing hardware and a comprehensive software framework. The modules all feature integrated diagnostics and data logging, with the very latest in storage and big data support. The designed-in compatibility of all the elements of the platform provides certainty of risk-free product development. Hitherto, this has been unavailable to system designers drawing component parts from different sources. </div>

<div>Included in the range are a family of compatible modules which will allow competent design of a variety of systems for all types of automatic inspection requirements. Among these are single and multi lane systems for packaged products, bulk-flow machines, pipeline Xray systems and high speed systems for rigid container inspection such as glass jars and cans. </div>

<p class="p1">SPECIFICATIONS </p>

Xray Generators

Air-cooled monoblocks

Recirculating oil-cooled monoblocks

Metal ceramic generators

Xray Detectors

- Linear diode arrays, APS area sensors, TDI
CameraLink, RS422 LVDS, GigE

Image Acquisition

Range of acquisition cards / frame grabbers
Onboard pre-processing
PCI and PCI Express

Xray Control systems

Fully integrated sub-systems
Covers all requirements for interfacing

Software Framework

Includes all core image handling functions
Full API for all functional blocks
Configured for differentiating plug-ins

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