

# RX-IRIX

## Next generation of X ray inspection systems

Varpe's new generation of X ray inspection equipments offers innovative global solutions for product inspection, ensuring the safety and integrity of your production.

Its advanced X ray technology provides an excellent detection of ferric, non-ferric and stainless steel, glass, metal, stones, calcified bones, spines and stones. They also offer simultaneous verification detecting damaged products, breakages, lack of units within the product and mass measurement.

All Varpe X ray inspection equipments comply with the international safety standards that govern the emission of ionizing radiation.

They are listed under the certification of exempt equipment granted by the General Direction of Policies and Mines, with the approval of the Council Of Nuclear Safety number NHMX224, published in the BOE No. 90 on April 15, 2017.



NHMX224 HOMOLOGATION

Security for end customers

## Technical features

Construction in stainless steel AISI 304 reinforced to prevent corrosion and prevent radiation leaks

IP54 as standard protection, with option to IP66 & IP69

Home made X ray tube and generator highest performance & durability

Close cooling circuit to control oil temperature

Source of high voltage of 80 kV 8 mA 300 W (optional 600W) with high performance and durability at low power

High resolution of 0,8 to 0,4 mm per point & high speed scanning up to 200 m/minute

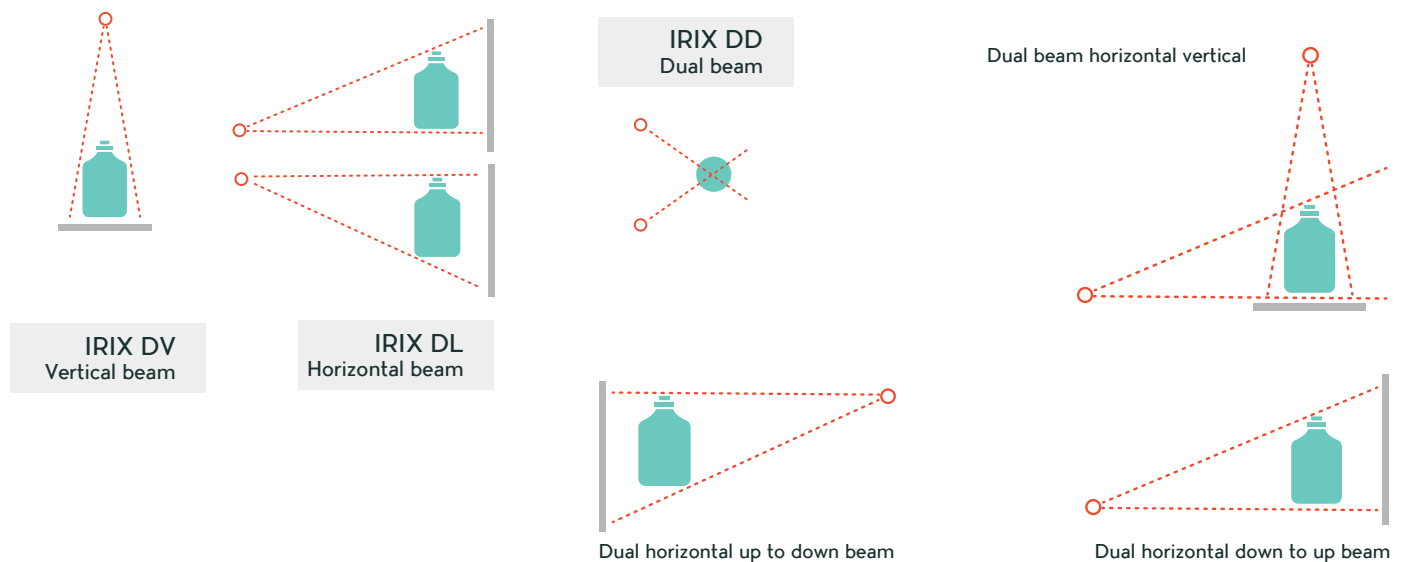
Newest generation linear array allowing unlimited length from package

Detection level (1024 detection levels per pixel)

Newest generation PC to process at high speeds (1200 containers per minute)

Own design inspection software with high precision

## Beam tecnology



## Options

- DUAL ENERGY sensor technology
- TDI scanning technology (Time Delay Integration)
- Up to 6 lanes of inspection
- Special algorithms (ring-pull detection, multipacks inspection, multichannel & multilane)
- Tailor made algorithms designed according to product needs
- Automatic print listings
- Check, export and analysis of rejections
- Auditing
- Production stoppages control
- Production control
- DATAHUB WEB connection for Statistical Quality Control (SQC)
- Standard communication protocols for connections MES systems (TCP MOD BUS, OPC)
- Autolearning product with easy handling
- Dynamic adjustment in production
- Several rejection devices (pusher, air blast, deviation flap, drop down)
- Reject confirmation
- Lockable reject collection bin
- Collection bin level sensor
- Product handling options (lateral guides, product guides, superior and sidebands, rolls)
- Protections (protections to avoid access and entrapments)
- Different conveyor width and length sizes
- Light &-or sound alarm
- USB port connector
- Ethernet connection (Remote communication for distant maintenance, monitoring and exploitation of data)
- Air conditioning for temperatures above 20°C

Versión 2

\* Varpe offers possibility of adapting standard specifications to customer requirements

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QUALITY UNDER CONTROL