



## Quality Inspection Systems X-Ray Overview

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# XRAY SHARK® - X-Ray Inspection Systems

XRAY SHARK®



**XRAY SHARK® XBD10**

For packaged products with max. dimensions Width x Height:  
250x25 / 230x50 / 200x75 / 180x100 / 155x125 mm

**SINGLE BEAM:**  
Single beam x-ray with max. 60kV (50W)



**XRAY SHARK® XBD20**

For packaged products with max. dimensions Width x Height:  
250x50 / 230x100 / 200x140 / 170x200 mm (XBD20)  
340x60 / 300x100 / 250x160 / 200x200 (XBD20+)

**SINGLE BEAM:**  
Single beam x-ray with max. 60kV (50W)



**XRAY SHARK® XBD40**

For packaged products with max. dimensions Width x Height:  
340x60 / 300x100 / 250x160 / 200x200 mm (XBD40)  
440x180 / 380x250 / 350x300 / 260x400 / 220x450 mm (XBD40+)  
650x180 / 560x250 / 500x300 / 450x350 / 320x450 mm (XBD45+)

**SINGLE BEAM:**  
Single beam x-ray with max. 120kV (400W)



**XRAY SHARK® XBD80**

For packaged products with max. dimensions Width x Height:  
440x380 mm (XBD80)  
680x380 mm (XBD80+)

**DUAL BEAM:**  
Dual beam x-ray with max. 120kV (2x400W)

# XRAY SHARK® - X-Ray Inspection Systems



## XRAY SHARK® XBD40 sideup

For glass, bottle, jar, can products  
with max. dimensions Ø 150 x H 250 mm  
other dimensions on request  
Max. flow rate 100 pieces per minute

**SINGLE BEAM:**  
Single beam x-ray with max. 120kV (400W)  
Beam shoots sideways through the product



## XRAY SHARK® XBD50 sideup

For glass, bottle, jar, can products  
with max. dimensions Ø 150 x H 250 mm  
other dimensions on request  
Max. flow rate 300 pieces per minute

**DUAL BEAM:**  
Dual beam x-ray with max. 120kV (2x400W)  
Beam shoots sideways through the product

XRAY SHARK®



## XRAY SHARK® XBD Bulk Flow

For unpackaged products in bulk  
Belt net width 246 mm (XBD10)  
Belt net width 346 mm (XBD20+)

**SINGLE BEAM:**  
Single beam x-ray with max. 60kV (50W)

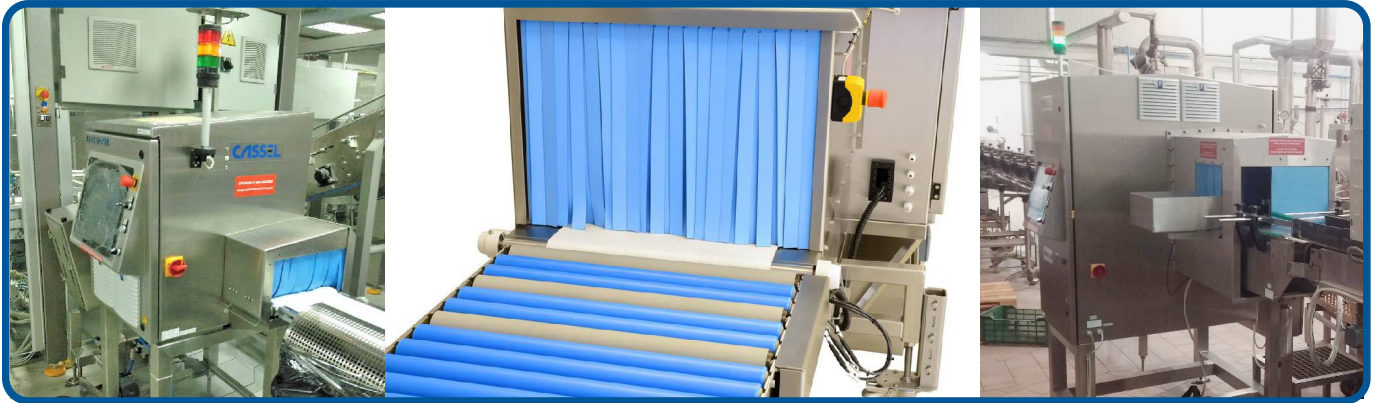


## XRAY SHARK® XPB

For wide boards, felts, webs with max. dimensions  
Width x Height 3400 x 100 mm

**MULTIBEAM:**  
eg. four of five beam x-ray with max. 120kV (5x400W)

# XRAY SHARK® - X-Ray Inspection Systems



XRAY SHARK®

## Cassel - Your Global Partner



Cassel Messtechnik GmbH (Germany) – Headquarters and main production site

Located near Hannover, Germany, Cassel manufactures approximately 1.000 inspection systems annually. Nearly 80 percent of Cassel equipment is exported to the European Union, United States, Southeast Asia, Australia, South Africa and South America. Cassel supplies equipment to a number of industries, including food, plastics, pharmaceuticals, textiles, forestry and mining. Cassel equipment can be found in the production lines of many global and respected brands.



Cord Cassel  
Managing Director of Cassel Messtechnik GmbH

Customers receive valuable worldwide service and support wherever their product inspection systems may be located. Over 50 representative offices located around the globe provide service performed by factory-trained technicians.

Since 1994, Cassel Messtechnik GmbH (Cassel) has led the industry in the design and build of metal detection, checkweigher and x-ray inspection systems for industrial applications. Cassel systems protect valuable production machinery against damage caused by undiscovered metal parts. Another area in which Cassel succeeds is Quality control in the consumer goods industry. Cassel strives to supply quality and high performance at a reasonable price.