

- X-ray inspection for packaged food or non-food products
- Detects high density materials like metal, ceramic, stone or plastic
- Easy operation with autocalibration and clearly arranged functions on 17" touchscreen
- XIA software for instant analysis and detection with high accuracy and reliability
- Single or dual beam for optimized inspection of different product sizes and materials



- Real time detection with colored contamination analysis
- Masking functions to prevent false rejects
- Auto-storing of inspection data with time and date stamp
- USB and Ethernet for data transfer to PC or memory stick
- Single beam or dual beam available
- Hygienic and easy to open product tunnel for easy cleaning and maintenance
- User-friendly menus for easy operation
- Built-in remote maintenance
- 24 hours non-stop operation
- Reliable german safety standard - TÜV certificate available



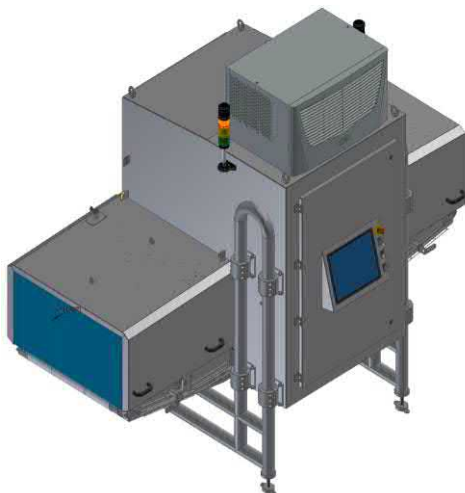
A large touch screen and clear menus ensure easy handling in daily business.

Scope of Delivery:

- Xray Scanner with image processing software XIA
- Complete protection against radiation and PILZ safety circuit
- Certified test cards with soda lime glass, ceramics, steel spheres in various diameters

Accessories & Extras:

- Separate conveyor with automatic reject
- Radiation counter
- 21 CFR Part 11 compliance
- BRC compliance kit



Function:

The XD80-H2 is particularly suitable for packaged food or non-food products, for example in plastic packaging, jars, cartons and even metal foil or metal cans. It detects unwanted foreign objects such as metal, stones, ceramics, glass or plastic with high density in the product.

The hygienic design with easy-to-open product tunnels allows for easy cleaning and maintenance of the device. This makes the XD80-H2 particularly suitable for all companies and industries that have to ensure high hygiene standards.



Double layer of protective curtains for safe working near the XRAY SHARK®.

Applications:

Inspection of packaged food and non-food products in

- cardboard or plastic boxes
- plastic or metal foils
- pouch bags
- jars or metal cans
- etc.

Industries:

- Food and non-food
- Pharma
- Hygiene and Cosmetics
- etc.

Specifications:

Model	XD80-H2 (former XBD85+)
X-ray source	dual beam x-ray generator with max. 80kV (2 x 480W), variable in voltage + current
Radiation leakage	3 µSv/h or less @ 10 cm outside cabinet surfaces
Safety	X-ray protective curtains (lead-free) - quickly detachable, magnetic safety switches at cabinet doors and tunnel hatches, emergency stop push button, emergency stop in/out interfaces to safety circuits of production line, X-ray off key switch, PILZ safety circuit
X-ray detector	low noise 816 mm line scan CCD, diode pitch 0.8 mm or 0.4 mm (optional)
X-ray view	top down
Cooling	highly efficient, silent DC filter fans
Housing finish	stainless steel grade AISI 304 / DIN EN 1.4301 (X5CrNi18-10)
Degree of protection	IP54 (according to IEC 60529), including touch panel and fans
Conveyor type	PU, white, food grade
Belt width	800 mm
Scanning width	800 mm
Conveyor speed	conveyor speed by product, 0.05 – 0.98 m/sec
Max. product dimensions (width x height)	800x800 mm
Max. product weight	50 kg
Available reject method	additional conveyor with transversal pusher
Product Memory	255 different product set-ups
Display	17" Color-TFT capacitive Touchscreen
Inspection features	Auto calibration, auto adaption to density distribution, density, hard contrast, soft contrast, masking technology, super contrast, size filter, auto edge, images auto save/load, multi segment inspection, metal foil inspection, fill quantity, generator energy by product, password protection
In/Outputs	programmable outputs (contamination, ready, emergency stop) programmable inputs (emergency stop, wake up, optional control signals)
Data transfer and reporting	Ethernet for remote support via internet, USB for external keyboard/ mouse/ memory stick
Max. Weight	1.7 t
Electrical mains connection	1ph, 230 VAC +/- 10%, 50/60 Hz, 2.0 kW full operation
Compressed air supply	without reject system 0 MPa (0 bar/ 0 psi) with optional reject system minimum 0.4 MPa (4 bar / 58 psi)
Environmental	0° to +30° C, with relative humidity max 90%, non-condensing (recommened/needed external cooling device)
Conformity	CE, compliant to German x-ray regulations, specific adaptation for other countries

All information is based on standard devices. There possibly will be differences depending on the application. Changes to be excepted.

Contact us:

CASSEL Messtechnik GmbH
In der Dehne 10
37127 Dransfeld
phone: +49 (0)5502 911 50
fax: +49 (0)5502 911 532
info@cassel-inspection.com

