X-RAY AND OPTICAL INSPECTION IN A COMPACT UNIT

SC

V

The **SC-V** model represents the most advanced inspection technology. It combines reliable detection of product impurities by means of the high performance X-ray scanner with additional optical control systems developed in-house at WIPOTEC-OCS.

These control systems check the information as it appears on the products (ingredients, nutritional values, expiry date) for accuracy and a flawless appearance regarding the proper positioning and readability of all labels and seals. Both inspection units – X-ray system and optical control – are combined in one space-saving design.

In addition to the reliable detection of foreign bodies, the SC-V also guarantees

the accurate and uniform appearance of your products. The model constitutes an outstanding inspection system that provides maximum safety and prevents costly recalls resulting from product contamination or incorrect labelling.

This model has the same familiar and convenient user interface used in the checkweigher line. The system is controlled from a 15" (optional 19") colour TFT display with touchscreen

panel that always shows the current image. Designed for protection class IP65 with full stainless steel construction, the SC-V system features a balcony design and sloped surfaces. Together with a C-shaped product area, it enables a quick and easy thorough cleaning. This machine also meets the most stringent standards of hygiene.



MAIN FEATURES

- **⊗** Multiple inspection methods in one compact unit
- **⊗** Legibility check and position control of all labels and codes
- **⊗** Cover film verification
- **⊘** Verification of best-before date
- **⊗** Bar code check
- **⊗** Flexible component design
- **⊗** Highest hygienic standards
- $\ensuremath{\mathfrak{G}}$ Both inspection units operated from one HMI

YOUR BENEFITS

- igotimes The broadest inspection for maximum productivity and product safety
- **⊗** Easy to operate central user interface

TECHNICAL DATA

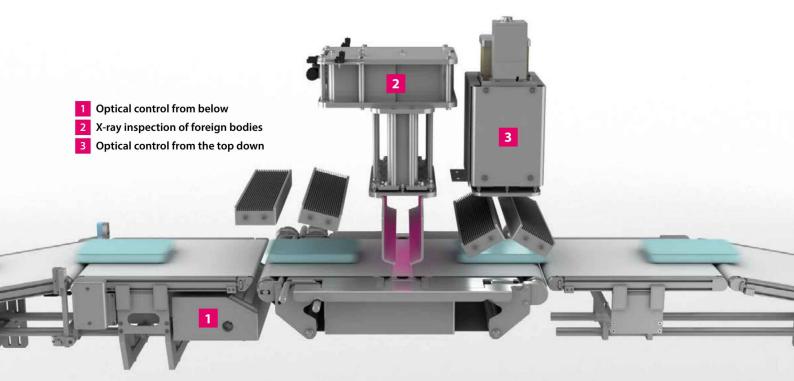
	Matal commistive with integrated water cooling system or
X-ray type	Metal-ceramic tube with integrated water cooling system or
	X-ray unit
X-ray output	up to 600 W, depending on type (infinitely variable)
X-ray sensor	Long-life camera technology, with 160 µm resolution
Scanning width	from 300 to 600 mm ¹⁾
Scanning speeds	up to 70 m/min with 150 ppm (with inspection on both sides)
Product storage	100 products, expandable
Display	15" colour TFT with touchscreen (19" optional)
Working height	750-850/800-900/850-950 mm ²⁾
Hygienic design	Complete stainless steel model (1.4301), easy to clean product area,
	built-in drive technology
Ambient conditions	$+5^{\circ}\text{C}$ to $+40^{\circ}\text{C}$, relative humidity $30\%-85\%$
Protection class	IP54, IP65 ³⁾
Power supply	230 VAC; 50 Hz; 3 kVA
	Connection with separate, 16 A fuse power line
Optical sensor	Black & white line sensor, colour available by request
Scanning width	300 mm ¹⁾
Sensor resolution	73 µm pixel size ⁴⁾



Optical Control: position and data contents of labels

- 1) Wider models available by request 2) Other working heights by request
- 3) By request
- 4) Smaller pixel sizes available by request





Other machine specifications

Technical Data Sheet