Hygienic design and protection class IP69K

All housings are made of stainless steel and comply with IP69K in accordance with the principles of hygienic design. This ensures that there can be no ingress of moisture even when pressure washers are used.

Optical vacuum sensor

The powerful optical sensor is suitable for all common closures. There is no need for a minimum distance between the containers. Because of the large measuring distance, it is often not necessary to adjust the sensor head manually for format changeovers involving containers of varying heights.

Large working distance for reliable operation

The large measuring distance of over 100 mm rules out collisions between the sensor head and containers. Variations in the dimensions of the containers, misalignment of containers and vibrations of the conveyor are fully tolerated.

No problems with moisture

Unlike other measuring methods, the optical INDEC sensor head is unaffected by the presence of single water droplets.

Specifications

Operating voltage	88...264 VAC, 47...63 Hz
Wattage	200 W max.
Inputs	2 x semi-conductor input channel 10...30 VDC
Outputs	1 x semi-conductor output channel 24 VDC, 0.5 A
Connection cable	Sensor cable 5 m long
Operator interface	3.5" graphical display with touch screen and 4 function keys
Recipe memory	Alpha-numeric memory for 36 recipes
Measurement principle	Optical, infrared sensor
Test speed	600 units / minute
Field of application	All types of closure materials
Closure diameter	30...110 mm
Working distance	> 100 mm
Protection class	IP69K
Ambient temperature	0...50°C
Relative humidity	5...85 %
Material	Stainless steel

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[ENG]

INDEC VACUUM INSPECTION

INDEC

INDEC VD 100

VACUUM INSPECTION

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INDEC monitors containers, such as bottles, jars and cans, testing them for leak tightness fully automatically within the production process by means of a non-contact inspection. Containers which show insufficient vacuum, cocked/tilted caps or missing caps are reliably identified.

INDEC VD 100 can easily be integrated in existing installations and provides a cost-effective means of modernising existing measurement technology.

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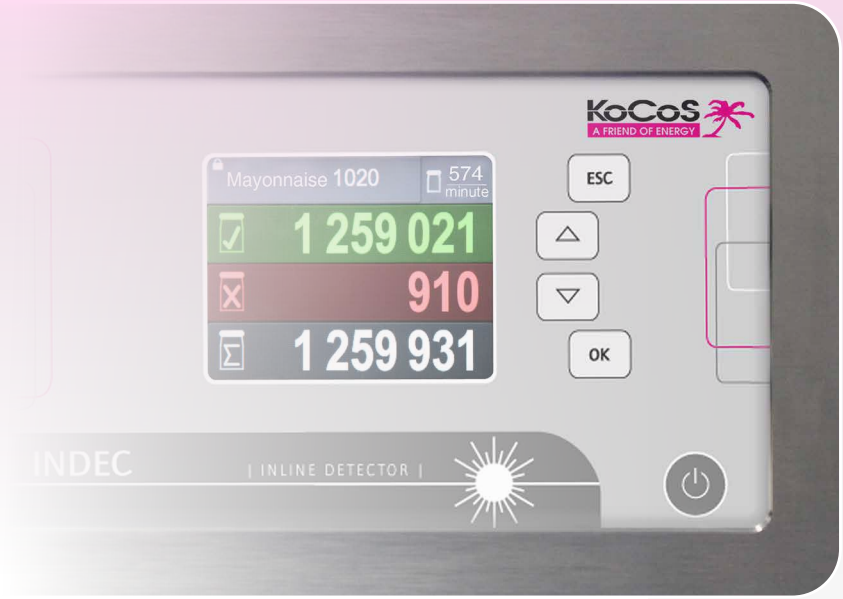

The new operator interface

A new operating concept and extra powerful hardware make for easy operation and optimum display of all information.
The clear, restructured user interface guides the user quickly and intuitively to complete the task in hand. The individual screens are self-explanatory and uncluttered.

Parameterization with teach-in function

The measurement values are evaluated with the testing software. Leak tightness is assessed by comparing the data of each container with the data of a golden sample. The desired values are determined semi-automatically by means of a simple, easy-to-use teach-in function. The operator is guided step-by-step through the interactive teach-in process with graphical support. All container parameters are saved format-specifically and settings are made at the touch of a button.

Easy to use

- 3.5" touch screen with graphical user interface for intuitive operation
- Well structured menus for fast, simple configuration
- Colour graphics for the display of measurement results and the operating status
- Display with easy-to-understand graphics and icons
- Smart touch technology for easy operation
- All user controls are located on the front panel with a clear view of the process environment

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