



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 |



KoCoS America LLC
19 Railroad Ave, Suite A
Westerly, RI 02891, USA
Phone +1 401 622 0149
info@us.kocos.com
www.kocos.com



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INDEC VACUUM INSPECTION

INDEC



INDEC VD100 VACUUM INSPECTION

Dud Detector

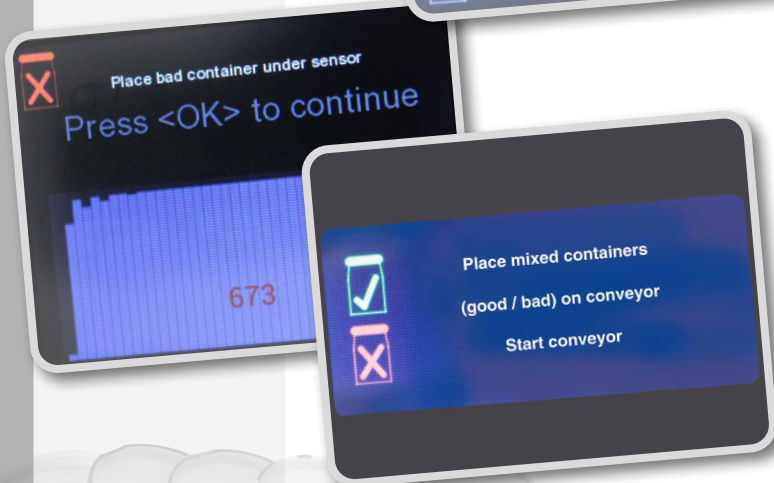
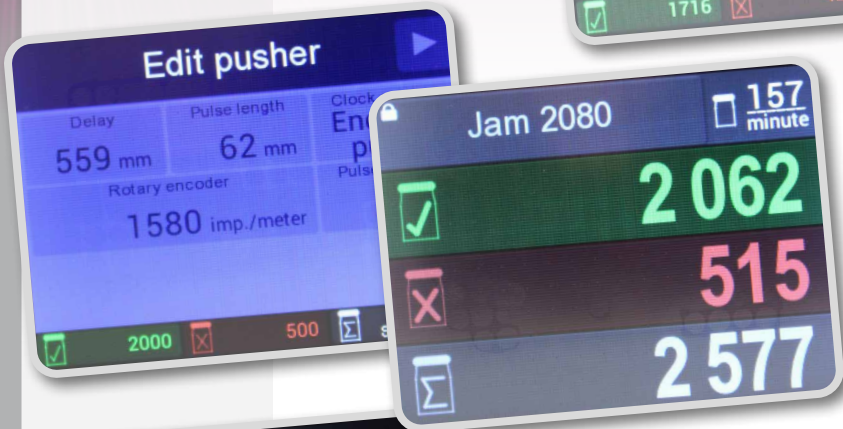
INDEC monitors containers, such as bottles, jars and cans, testing them for leak tightness fully automatically within the production process by means of a non-contact inspection. Containers which show insufficient vacuum, cocked/tilted caps or missing caps are reliably identified.

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

www.kocos.com



[ENG]



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