



Requirements and Solutions

Philosophers continue to debate whether a glass is half-full or half-empty. You can avoid any discussion with lawmakers and keep your customers from turning into philosophers by implementing the KHS Innocheck series fill level check. The FHC X-ray is a member of this series. As the name denotes, this measuring unit in this case is based on X-ray technology. This system operates with a transmitter (source of radiation) and a receiver (measurement of the radiation intensity). A container located between the transmitter and receiver attenuates the radiation differently depending on the height of the fill level thereby enabling high-precision measurement of fill levels.

Key Features

- Measurement by means of ionizing radiation
- Suitable for all types of container relevant to the market (e.g. bottles, cans, etc.)
- Suitable for all products to be filled
- A wide range of applications such as after the filling process or downstream of the labeling machine
- Implementation in the high performance range possible
- Serves to maintain product safety with regard to legal minimum amounts
- Disconnectable radiation source
- Hygienic design

Standard Equipment

- Hygienically designed stainless steel housing
- Height-adjustable stand
- Transmitter (source of radiation) and receiver
- Signal lamp indicating the active source of radiation
- Capabilities for switching the source of radiation on and off manually
- Innovative KHS image processing software





Advantages

- Disconnectable radiation source
- Independent of product and container types
- Wide range of applications
- Precision measurement of fill levels
- High reliability of the measuring system



Possible Combinations

- Innocheck CCI (crooked cap inspection)
- Innocheck TSI (tamper-evident seal inspection, closure color, other options)
- Innocheck LBI (label presence inspection)
- Innocheck FMS (filler and capper management system)
- Closure presence

Service

- Worldwide service
- Holistic consulting and planning
- ReDiS remote maintenance
- Fast supply of spare parts

Technical Data

Maximum machine capacity

120,000 containers per hour / 2,000 containers per minute

Measuring tolerances (product-dependent)

+/- 2 mm

Protection class

IP 65

KHS GmbH

Juchostraße 20
D-44143 Dortmund
Phone: +49 (0) 231 / 5 69-10117
Fax: +49 (0) 231 / 5 69-410117
E-mail: juergen.herrmann@khs.com
www.khs.com

