

## INSPECTION OF LEVEL AND CAP - EXAN LEVEL



### USE

- inspection of incompletely filled and closed bottles behind the filling machine
- possibility to inspect various caps (metal, plastic)
- output range 50.000 bottles/hour
- glass and PET bottles

### DESCRIPTION OF FUNCTION

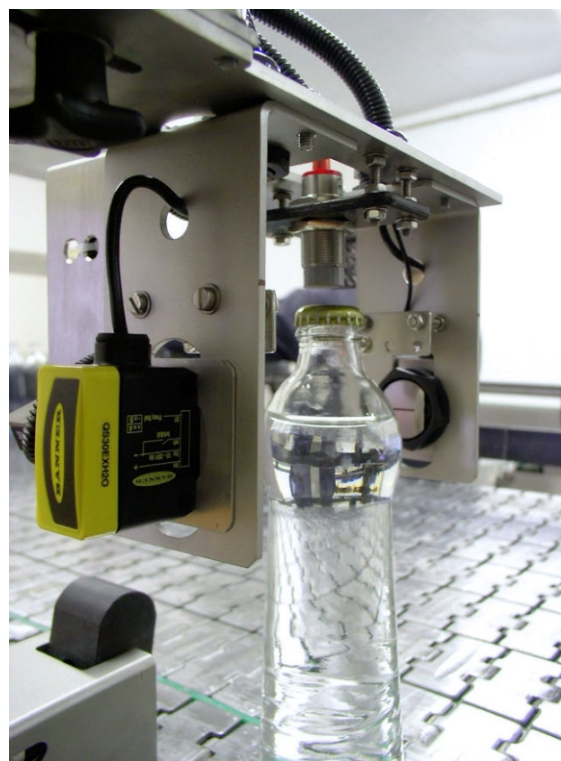
- the equipment is controlled using a SIEMEN S7-200 control system
- insufficient level is inspected using a Banner optic infra-sensor
  - in terms of beer, additional inspection of the presence of foam (OMRON optic sensor)
- elimination is conducted using a pneumatic eliminator - "Push" system:
  - on an accumulation table
  - into a container as required (PET bottles)
- components used:
  - OMRON and LEUZE sensor (optic) Banner (infra) and Aeco (inductive)
  - Hoerbiger pneumatics

### EQUIPMENT DESIGN OPTIONS

- possibility to check for the presence of all around labels (PET bottles)
- inspection of the level using CCD cameras
- inspect the filling tubes in the drink (using a camera)
- other functions according to the customer's needs (consultation required)

### EXAMPLE OF SOLUTION

- Brewery Jihlava K-Brewery, Czech republic
  - 0.5 l NRW bottles
  - output 24.000 bottles/hour
- Ondrášovka a.s., plant Ondrášov
- JCS Georgian Beer Company - "Brewery Zedazeni", Georgia
- OAO "Závod pivovarennyj Moršanskij", Russia
- Al Ain AAMW Company, UAE
- Dudák - Měštanský pivovar Strakonice a.s, Strakonice, Czech republic
- VÄRSKA VESI AS, Varska, Estonia
- DE JSC "Obolon"- "Zibert's Brewery", Fastiv, Ukraine
- PEPSICO CZ s.r.o., Praha, Czech republic
- Pivovar Svijany a.s, Czech republic



Exan Level - PEPSICO, Toma Teplice nad Metují, Czech republic

