

DVS - Hygienic weighing

For food & beverage filling machine manufacturers



Customer Need

- You want to increase your machines productivity with faster and more accurate fillings as well as shorter machine downtime.
- You must be in compliance with more and more strict requirements of hygiene and food safety.
- You want to decrease the environmental impact of your machines by optimizing water and cleaning products consumption.

SCAIME Solution

SCAIME offers DVS, a digital load cell with hygienic and aseptic design certified by EHEDG (European Hygienic Engineering and Design Group). Developed in collaboration with a leading international manufacturer of filling machines, the DVS is a validated and optimized dosing solution for rotary fillers.

- **Integrated batch controller** taking charge of the complete filling cycle management. High speed and high accuracy measurement, digital filters to eliminate vibrations.
- **Hygienic design EHEDG certified**, ensuring the effectiveness of the cleaning process in place (CIP) without additional load cell protection.
- **Rugged load cell**, IP68 / IP69K protection level for the qualified use in wet and aggressive environment.
- **Compact design** for easy integration into multi-head filling machines.
- **Validated CANOpen connectivity** by our partner Schneider Electric.
- **Support and advice** on weighing technology or automated process integration. Possibility of international field services.

Customer benefits

- **Performance**
 - Higher filling rates
 - Shorter cleaning cycles and machine downtime
- **Image**
 - EHEDG Recognition
 - Positive environmental impact
- **Safety**
 - High reliability
 - Proven solution
 - Food safety compliance
- **Saving**
 - Optimized water and cleaning products consumption
 - Useless load cell protection
 - Simplified wiring
 - Optimal use of volume

