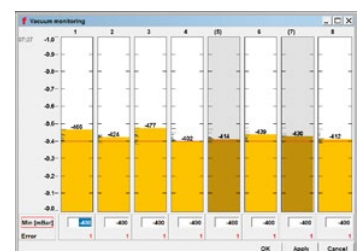# VCS
# Vacuum Control System

Container glass production

## Early detection of manufacturing and system problems in the vacuum process

Our vacuum control system (VCS) enables manufacturing problems in the vacuum process to be detected at an early stage. Its sensors measure the vacuum for each job and compare the value with a defined setpoint. If a discrepancy is determined, the reject system removes the faulty glass container and an alarm appears prompting the operator to identify and clear the problem. The VCS makes a significant contribution to reducing the error rate – and improving the quality of the products.

The VCS is available as an option for all IS machines equipped with our FMT24S machine control system. It can be retrofitted to any existing equipment featuring an FMT24S control system. The VCS is implemented as an add-on for the FMT24S's OT software. We can also supply the VCS in a standalone version with a separate interface for integration into the control infrastructure of other manufacturers.



**automation in a new dimension**
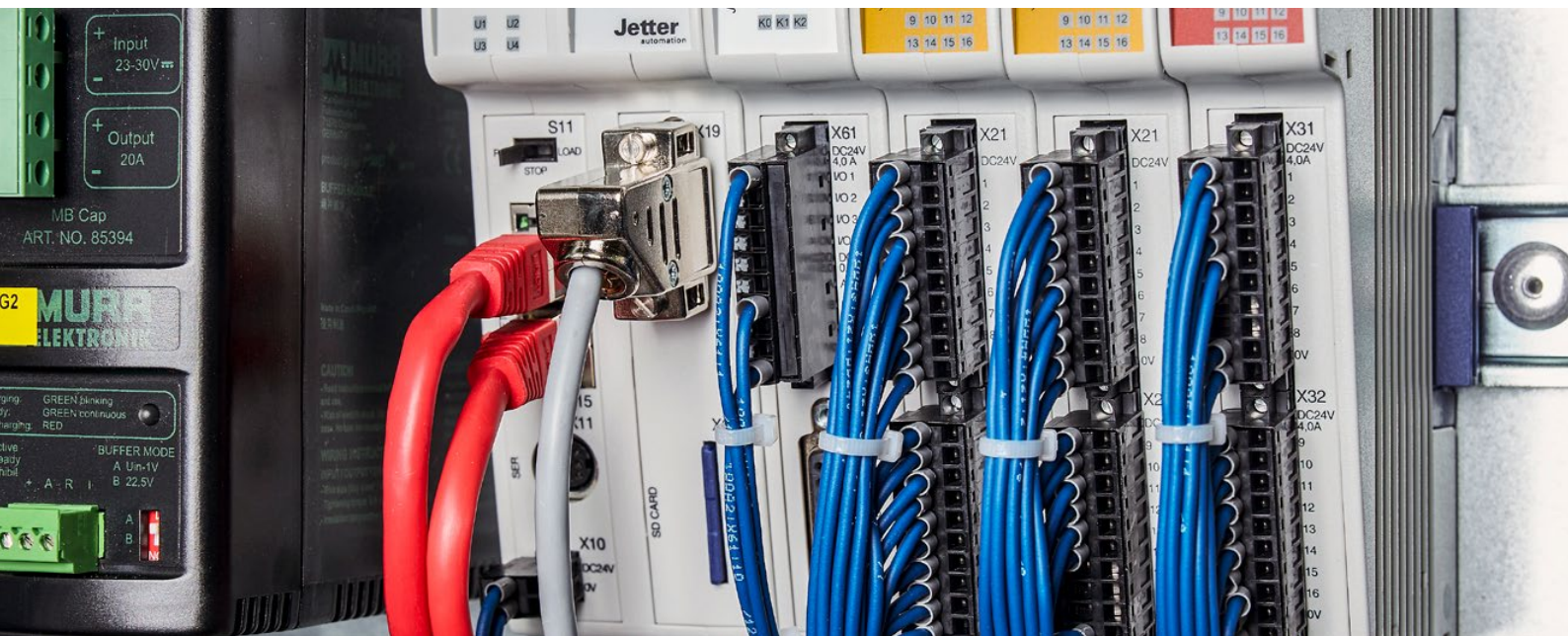
# VCS at a glance

Our vacuum control system ships with a control unit, a splitter box together with the necessary pressure sensors and a matching cable harness.

| Technical data | |
|---|---|
| Dimensions (W x D x H): | 320 x 50 x 130 mm |
| Weight: | ca. 2 kg |
| Total connected load: | 72 W |
| Power supply: | 24 VDC |
| Power supply tolerance: | ±5% |
| Control electronics: | JETTER JetControl 340 |
| Drive-to-PC interface: | Ethernet |
| Operation: | Integrated into FMT24S or standalone HMI |
| Ambient temperature with air conditioning: | max. 25 °C |
| Relative humidity: | max. 80 % |

## Most important features

- Easy installation and retrofit to the FMT24S
- Suitable for retrofitting to any machine model
- Integration into the operating data menu of the FMT24S
- Built-in alarm and event reports

## Benefits

- Early detection of manufacturing and system problems in the vacuum process
- Unified control and job database management via the FMT24S interface
- Also available in a standalone version with a separate HMI for any standard IS machine control system
- Optimised production and productivity
- Cost-effective solution