



## UNICONTROL 3 WITH NEW, INTEGRATED CAN BUS AND I/O DIAGNOSIS

The new feature allows rapid diagnostics without the need for auxiliary equipment on the UNICONTROL screen. Diagnosis of CAN bus problems is usually difficult without the help of an experienced specialist because the necessary measuring instruments are not available. The new CAN bus test module facilitates diagnostics and detects CAN bus problems before they lead to a production stoppage.

The new CAN bus test module is mounted on a UNICONTROL 3 node (IP20). Diagnostic data is displayed on the operator's screen (GCC) using the latest UNICONTROL software. The main parameters, such as resistance, voltages and error frames, are recorded and reproduced for each CAN bus line. The operator receives a warning as soon as the CAN bus operates outside preset limits. The warning messages permit a specific CAN bus check during the next regular maintenance interval.



CAN bus test module

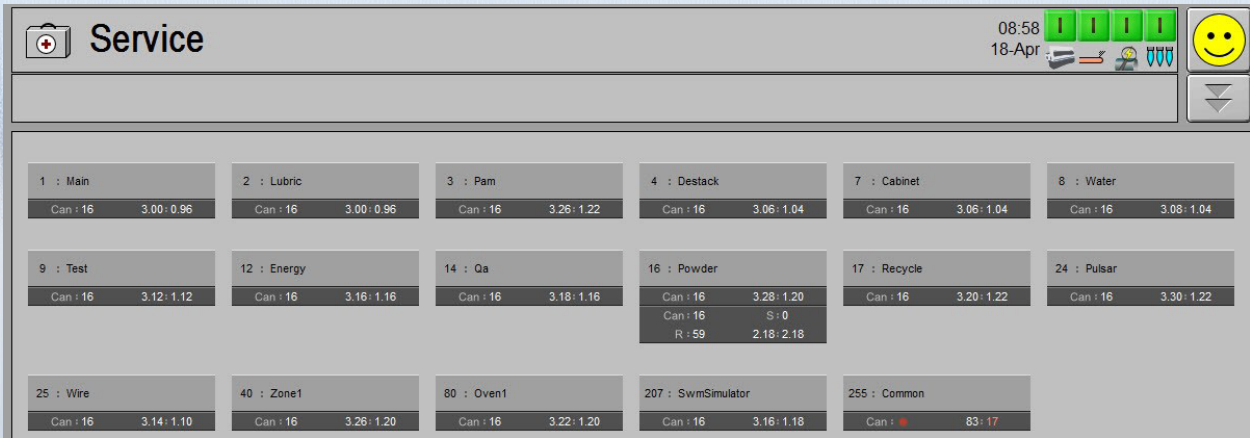


## ADVANTAGES

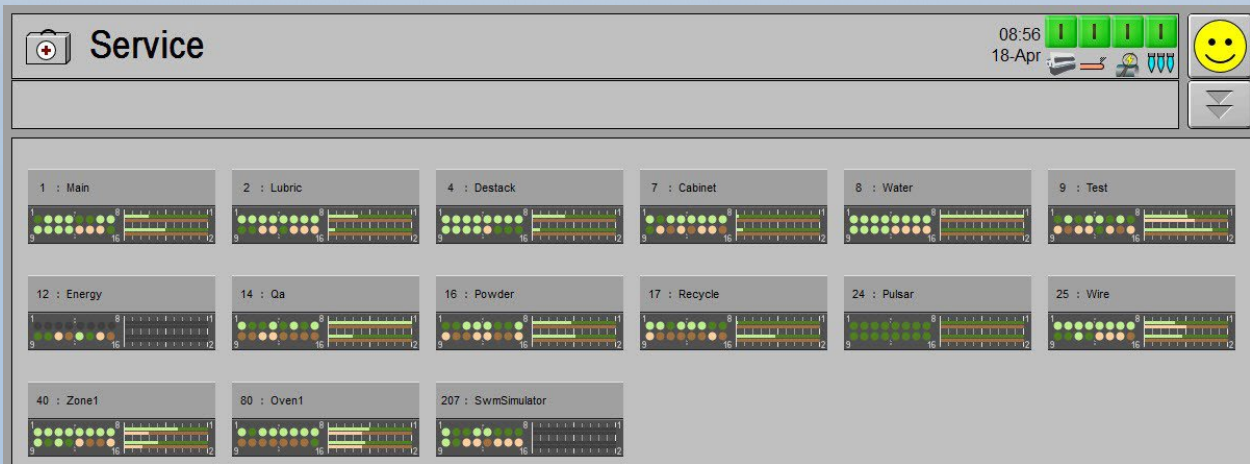
- Greater line efficiency because CAN bus problems are resolved before they can cause a production stoppage.
- Fast CAN bus diagnosis without additional measuring instruments.
- Better status overview, because the states and values of the digital and analog input and outputs (I/Os) of all UNICONTROL nodes are shown on the GCC.

## AVAILABILITY

- The CAN bus test module is installed as standard in the latest SOUCAN 800/1000/2000 models and SOUCURE ovens.
- Retrofitting of the CAN bus and I/O diagnostics is possible with all UNICONTROL 3 machines equipped with the CAN bus test module and the latest UNICONTROL software.
- The stand-alone CAN bus test module can be retrofitted to all UNICONTROL 2 machines with a warning display for the operator, but without a GCC diagnostic screen and I/O overview.
- Condition: UNICONTROL node conversion from UC2 to UC3 (1 pc.), CAN bus test module and the latest UNICONTROL software.



CAN bus diagnostic screen



I/O overview of all nodes  
(available even without CAN bus test module)