

JUMO IMAGO F3000

Process control system for the meat industry



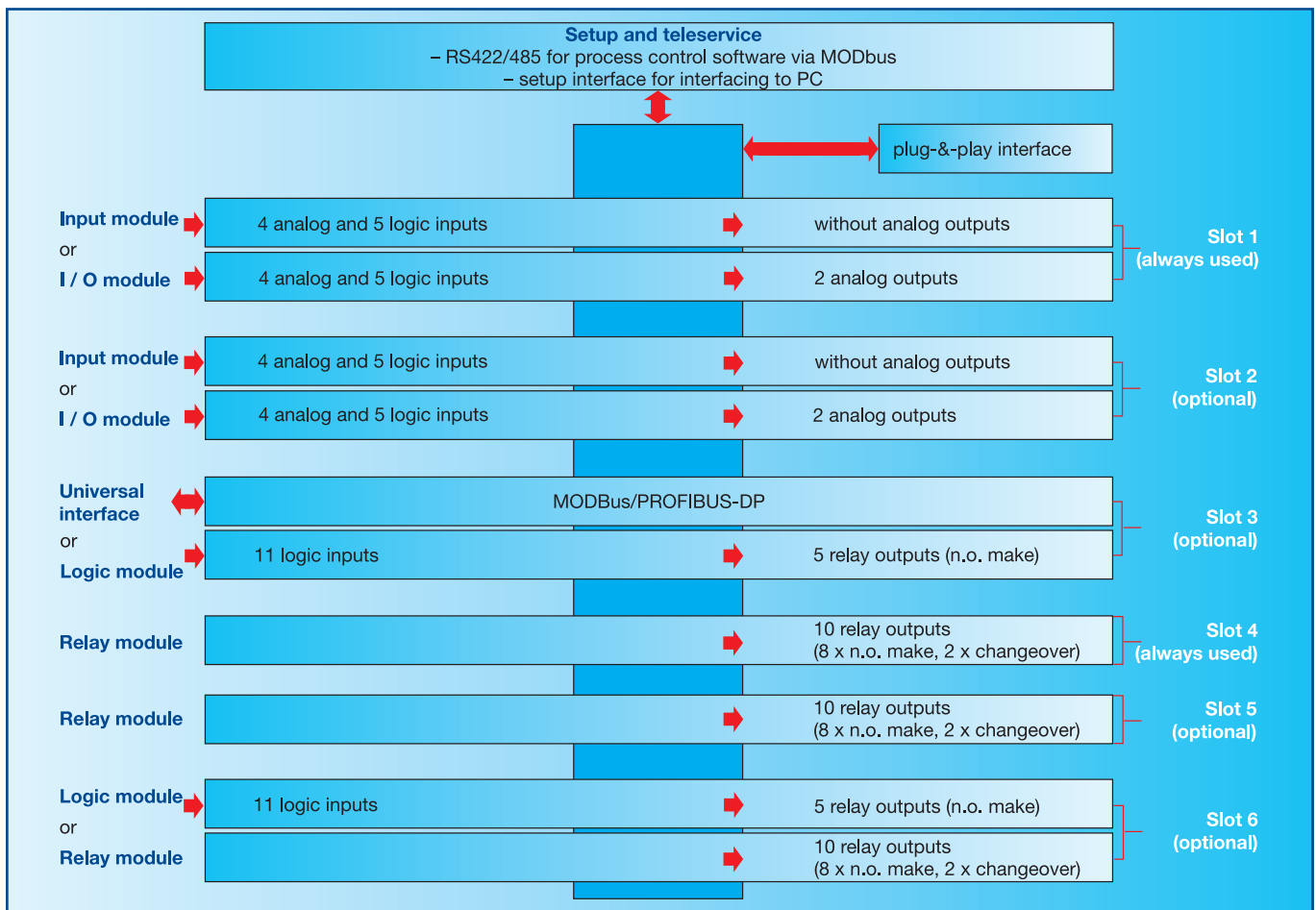
JUMO IMAGO F3000 – Process control system

This expandable process controller has been specially developed for control applications in cooking, smoking and climate-control equipment, and associated sub-systems such as smoke generators and catalyzers.

Functionality at a glance

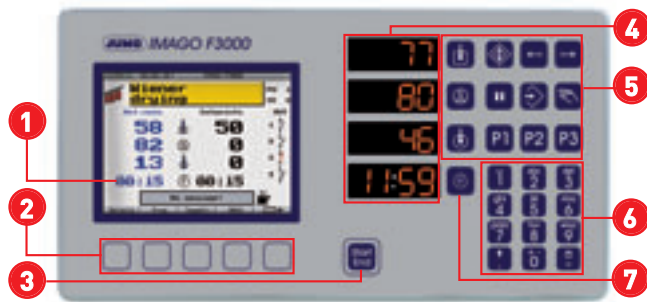
- 5" TFT color display with LED backlight and 12mm high LED displays for actual values
- Profile programs are freely editable in the basic status and automatic operation
- up to 99 profile programs, each with max. 99 segments
- IP67 protection at front
- freely assignable function keypad
- User language is freely editable
- plug-&-play memory, for fast transfer of configuration data and profile programs
- 16 freely editable logic combinations
- 4 freely editable math functions
- remote servicing via modem
- setup program and program editor for WINDOWS operating systems
- recording function

Block structure



n for the meat industry

Simple operation

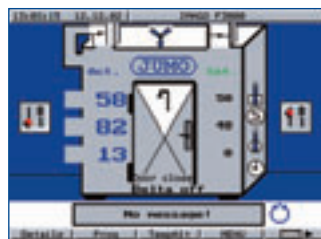


- 1 Color screen
- 2 Softkeys with variable interpretation on the color screen
- 3 Freely assignable function keys
- 4 Keypad for numerical or text entry
- 5 Keys for temporary alteration of residual time
- 6 4 LED displays (the top three are freely configurable in the setup program)
- 7 Start/Stop key, for program start and program stop

Example of screen templates

Analog representation as flowchart

– with actual measurements and sub-system status



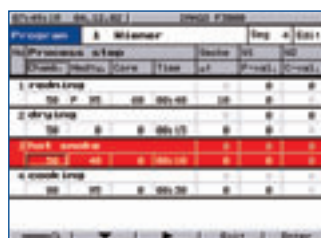
Program selection at program start

– in the form of named program icons



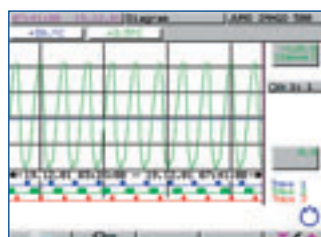
Program entry template

– clear representation of five segments, with the values entered



Recording function

– with six analog and three digital channels



Programs

Up to 99 programs can be entered, saved, and altered at any time. The programs are built up from various process steps with assigned setpoint values. Each program can include up to 99 segments. A total of 3000 segments can be stored for all programs. The programs are selected from a list or icons with a clear visual message.

Math and logic functions

The math module makes it possible to combine such items as setpoints, outputs, and measurements from the analog inputs, into a mathematical formula. The logic module can be used to combine logic inputs, limit comparators and control outputs into a logical function.

Setup program

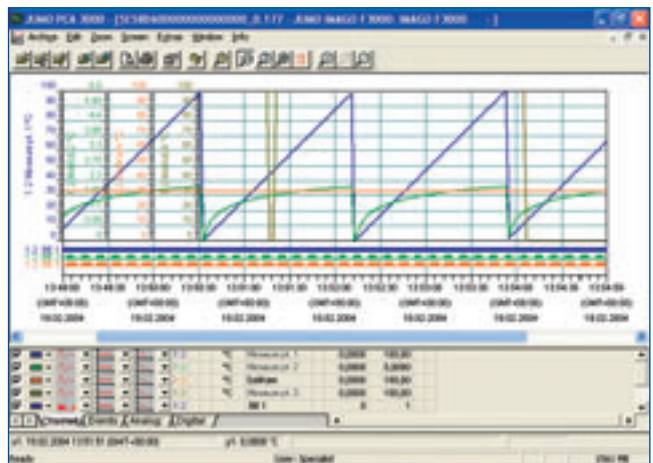
The setup program for configuring the instrument can be installed in English, German, or French. A PC can be used to create and edit sets of data and transfer them to the instrument, or to read them out from the instrument. The data sets are stored and managed. Three process diagrams can be configured.

Teleservice

- Remote system configuration and diagnosis via modem
- Establishing a connection through the setup program, dialing mode:
 - a) direct-dial through the setup program
 - b) callback
- Display the system status, such as operating modes, logic inputs/outputs, alarms, and system information.

PC evaluation software

- archiving of measurement data from the IMAGO F3000
- graphic and alphanumeric representation of the measurement data
- zoom function
- data can be exported into EXCEL
- access for several users via network



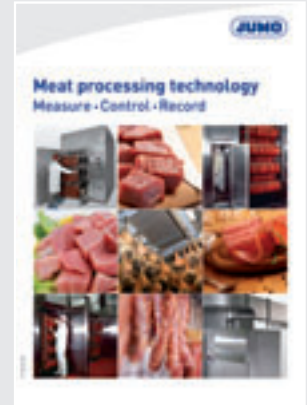
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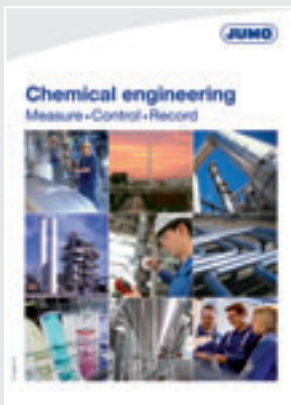
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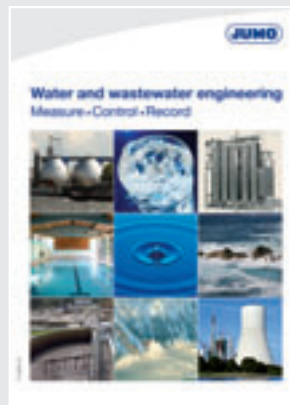
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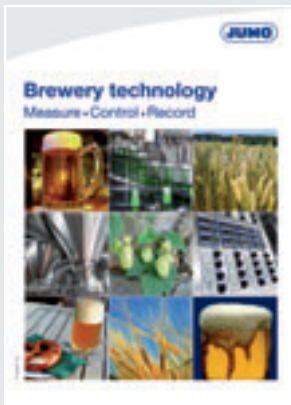
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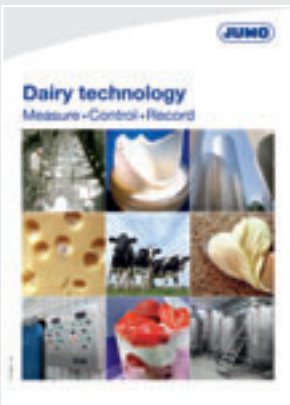
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