

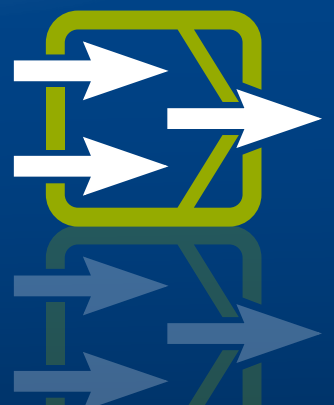
JUMO DICON touch

2-channel process and program controller with
paperless recorder and touchscreen



Universally specialized

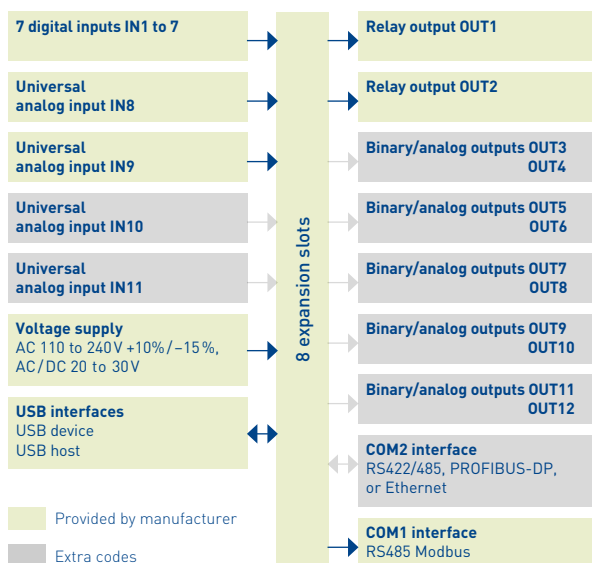
- Precise control of two processes
- Intuitive operation via touchscreen
- Vibrant TFT color graphic display
- Easy-to-use programmer control and program entry
- Field connection via different interfaces
- Integrated paperless recorder
- Process screen for plant visualization
- Flexible due to modular hardware
- High level of process reliability through password-dependent user management



Brief overview

The JUMO DICON touch process controller adapts itself perfectly to the individual requirements of the respective control task. The creation of a process screen is possible by using a PC configuration program. Measured values and relay status indications as well as edit boxes can also be integrated into the process screen. An individual process screen that is generated like that provides the user with a particularly clear overall impression of the plant.

Block diagram



Application areas

Industrial furnace construction, testing and heating cabinets, environmental and simulation chambers, incubators, autoclaves, dryers, sterilizers, heat transfer oil systems, plastics industry, plant and mechanical engineering, test stations, food and beverages industry, pharmaceutical and chemical industry, use on ships, etc.

Technical data

JUMO DICON touch, type 703571

Display	3.5 TFT color graphics screen, 1/4VGA, 250 colors with resistive touchscreen
Controller types	Two-point, three-point, three-step, continuous controller, continuous controller with integrated position controller
Controller structures	P, I, PD, PI, PID
Sampling rate	150 ms
Inputs	4 universal analog inputs, 8 external analog inputs, 7 digital inputs, 8 external digital inputs
Outputs	Max. 12 internal: relay (changeover contact/ N/O contact), digital output 0/12V or 0/24V, semiconductor output 1A, analog output 0/4 to 20 mA or 0/2 to 10 V (expansion via external modules)
Paperless recorder	4 analog values, 3 digital values, cycle time 1 to 3600 s
Interfaces	Standard: USB host, USB device, RS422/485 (Modbus RTU) Optional: Ethernet with Web server, PROFIBUS-DP, second RS422/485 (Modbus RTU)
Case	Dimensions: 96 mm x 96 mm x 131 mm protection type IP66, metal cube
Approvals	cULus, DIN 14597, GL, GOST (available soon)