

1.1.1.

DOSAControl Measurement and control device **DCW 220**



2-channel controller, freely programmable for potentiostatic and amperometric sensors, for measurement of: pH, free chlorine, total chlorine, chlorine dioxide, ozone, oxygen, conductivity, temperature, redox or turbidity.

Product description:

- Microprocessor unit with large LCD display, backlit
- all measured values and operating states are shown simultaneously in one display
- complete visualisation of the controller information
- operation via foil keyboard
- retentive data storage in case of power failure
- measuring input for measuring cells: 4-20 mA and 12/24 V galvanically isolated
- pulse input for flow measurement
- adjustable polarisation time
- direct calibration access
- 2 analogue outputs 0/4...20 mA (for measuring signal and regulation)
- 2 potential-free relay outputs
- 4 relay outputs for dosing pumps (230 VAC)
- 4 relay outputs (control P, PI or PID)
- programmable timer function
- Alarm relay output
- Alarm display: Sensor not connected
- Alarm display: Sensor error
- Flow sensor
- Test functions
- 1 input for flow monitoring (inductive proximity switch, PNP)
- USB connection
- Hold and auto function
- Optional: RS 485, serial interface (Modbus protocol)
- Electrical connection: 90-240 V AC + 10%, 50/60 Hz
- Housing made of ABS plastic, protection class IP 65

Areas of application:

- Measurement and control of: pH value, conductivity, oxygen, free and total chlorine, chlorine dioxide, ozone, redox, turbidity, as well as temperature.

Scope of supply:

- **DOSAControl DCW 220**, standard connection cable 2 m, IP 65 Housing, 229 x 204 x 116 mm (width x height x depth) made of ABS plastic for wall mounting.

Ordering data:

Type:	Measurement:	Item number:
DCW 220	pH value, conductivity, oxygen, free and total chlorine, chlorine dioxide, ozone, redox, turbidity, temperature	2188220