1.1.1. DOSA*Control* Measurement and control device **DCW 130**

1-channel controller for potentiostatic and amperometric sensors, for measuring pH, free chlorine, chlorine dioxide, ozone, hydrogen peroxide, redox or conductivity and for measuring and indicating temperature.

Product description:

- Microprocessor unit with backlit LC display
- Settings via keypad
- Signal input for pH and redox electrodes, with BNC connector
- Inductive conductivity
- Conductive conductivity with cell constants 0.1, 1 and 10
- Input for amperometric sensors with 4 – 20 mA
- Output signal Cl_2, ClO_2, O_3 or H_2O_2
- Temperature measurement with Pt100 or Pt1000
- Automatic temperature compensation
- Built-in data memory, with the option of creating data tables and charts
- Programmable 4 – 20 mA analogue output (500 Ω)
- Communication via RS485 interface, Modbus protocol, (DCW 130-M)
- Digital input for external dosing stop 24 V, 10 mA max.
- One alarm relay output or temperature setpoint
- 2 relay outputs for switching final control elements ON/OFF
- 1 A relays at 230 VAC
- One relay output for sensor cleaning or temperature setpoint
- Power connection: 100 – 240 VAC ±10%, 50/60 Hz, (24 V DC as an option)
- Housing in ABS plastic, protection class IP65
- Connection cable is not included

Areas of application:

- Measurement and control of: pH, free chlorine, chlorine dioxide, ozone, hydrogen peroxide, redox or conductivity as well as measurement and indication of temperature.

Scope of supply:

- **DOSA*Control* DCW 130**, IP 65 housing,144 x 144 x 122.5 mm (width x height x depth) in ABS plastic for wall mounting

Ordering data:

Type:	Indicator:	Item number:
DCW 130 100 ... 240 VAC	pH / Redox	21230155
	Conductivity, conductive sensor	21230150
	amperometric (mA)	21230160
DCW 130-M 100 ... 240 VAC	pH / Redox	21230157
	Conductivity, conductive sensor	21230152
	amperometric (mA)	21230162
DCW 130 24 VDC	pH / Redox	21230156
	Conductivity, conductive sensor	21230151
	amperometric (mA)	21230161
DCW 130-M 24 VDC	pH / Redox	21230158
	Conductivity, conductive sensor	21230153
	amperometric (mA)	21230163

Subject to technical modifications and printing errors. Images may vary slightly from actual product.
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