

Product information

Measuring and control equipment



dinotec
Water & Pool Technology

An uncompromising offer



Chemoform Control 100 CHLORINE-FREE/pH
with filter control and wg dosing, dosing capacity 3 l/h,
pre-assembled on wall mounting plate

Art. no.: 0110-654-90

Short description

Budget-priced and convenient measurement and control of the water quality. A properly controlled pH value and disinfectant content allow effective and efficient water care. They protect the technical equipment of the swimming pool from corrosion. An automatic dosing of water care agents ensures an optimum hygienic safety.

Description

Microprocessor-controlled compact measuring and control system for pH and disinfection (chlorine-free). With self-illuminating numeric display.

A dosing of water care agent based on active oxygen in proportion to the quantity ensures optimum hygienic safety and very pleasant water quality. Disinfection with liquid active oxygen is possible with the CF Control 100. Appropriate external pumps are used for dosing.

CF control 100 with integrated filter control and temperature control via heating or solar.

Equipment:

- Digital display
- Automatic switch-on delay 0 - 30 min
- Sample water monitoring
- Dosing time monitoring
- Service display for error pH measuring input
- Set point query
- Display of slope
- Input values
- Control of filter run times
- Temperature control, optionally via solar or heating circuit

pH measurement:

- combination electrode with KCL filling
- Control range 6.5-8.5 pH

Control of active oxygen:

- Dosing quantity is preset depending on the pool size

Temperature measurement:

- Temperature sensor Water required (optional)
- Solar: temperature sensor Solar required (optional)

Model with 2 peristaltic dosing pumps dinodos EASY, approx. 3.0 l/h, max. pressure 1.5 bar, pump hose kit incl. hose connector 6/4 mm.

Included:

- Flow valve
- Measuring cable
- Suction lines
- Dosing lines
- Injection valves
- Sample water line
- Calibration solutions pH7 and pH 4
- Fibre filter
- Sample water kit and operating instructions

Technical data

Mains voltage:	100 - 240 V +6%/-10%, 50/60 Hz
Power consumption:	10 VA
Protection class:	IP 65
Dimensions housing (wxhxd):	approx. 215 x 185 x 100 mm
Weight:	approx. 1.8 kg
Dimensions wall mounting plate (wxhxd):	600 x 360 x 8 mm
Permissible ambient temperature:	0 to 50 °C
Permissible storage temperature:	-20 °C to + 65 °C
Permissible humidity %:	max. 90% at 40°C (non-condensing)
Storage temperature pH electrode:	-5 °C to + 40 °C
Switch-on delay:	20 minutes (adjustable: 0 - 30 minutes)
Controller:	pulse length proportional (adjustable 10-100%)
Operation:	with plastic foil keypad
Display:	<ul style="list-style-type: none">• numeric, 2 displays with 3 digits each• self-illuminating• Function LED

pH measuring and control part

pH measurement:	via combination electrode with KCL filling
Measuring range:	2 - 9.99pH
Resolution:	0.01 pH
Default set point:	7.2 pH
P-band:	0.5 pH
Minimum switch-on pulse:	1 sec.
Pulse interval time:	10 - 100 sec. (adjustable)
pH control direction:	<ul style="list-style-type: none">• pH raise/pH reduce• 2 relay adjustable
Continuous dosing control:	60 minutes (adjustable 0 - 90 minutes)
Slope:	58 mV/pH
Zero point of electrode:	7.0 pH
Compensation temperature:	28°C
Slope monitoring:	>65 mV — <50 mV
Control range:	3 - 12 pH
Limit value upper:	8.0 pH
Limit value lower:	6.0 pH
Calibration:	manual with calibration solutions pH 7.0 + pH 4.0
Electrode check:	by means of a compensation of slope and zero shift, control of slope and zero point
sample water monitoring:	via Reed contact sensor

Filter control

Switching times	4 switching points, 2 runt times possible
Filtration pump:	Relay circuit for filter pump 230V / 0.5 kW (max)

Temperature control

Temperature sensor:	PT 1000 (optional)
Solar sensor:	PT 1000 (optional)

Alarm

Alarm activation:	water deficiency and dosing alarm Deactivation of dosing
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dinodos EASY

Mains voltage:	230V +/-10 %, 50/60Hz
Power consumption:	approx. 5 VA max.
Protection class:	IP 65

Dimensions housing (w x h x d):	approx. 135 x 65 x 85 mm
Weight:	approx. 0.6 kg
Permissible ambient temperature:	+10 to +50 °C
Drive:	Gear motor
Pump hose:	compl. with connection pieces for suction line D4
Capacity max.:	approx. 0.25-4.5 l/h (infinitely variable), at a counterpressure of max. 1.5 bar
Suction lift max.:	1.80 m
Operation:	Capacity adjustable via potentiometer

Application

Outdoor pool/Indoor pool

for pools with a water volume up to 150 m³

Accessories



[0101-200-00](#)

Fiber filter with transparent filter housing
Fiber filter with transparent pre-filter casing
cleanable strainer, mesh size 0.5 mm
8/6mm, max. 2.5 bar, max. 50°C, material: PVC, black



[0104-201-00](#)

Collecting tray PE 60 l
for chemicals container 35/40 kg

May also be of interest



[0110-643-90](#)

Chemoform control 100 Chlorine (Rx glass electrode/pH)
with filter control, dosing capacity 3 l/h
pre-assembled on wall mounting plate



[0110-644-90](#)

Chemoform Whirlpool Control 100 Chlorine
(Rx glass electrode/pH) with 3 dosing pumps and
sample water monitoring
pre-assembled on wall mounting plate

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Subject to technical changes. Errors excepted.

Photos of items may be different.

Do you have any questions? Our hotline will be happy to help.

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Simply enjoy the best water!