



AN UNCOMPROMISING OFFER

The most versatile measuring,
control and dosing system of its class.



Fig.:
0110-643-90

wg control 100 – chlorine
wg whirlpool control 100 – chlorine

JUST GET STARTED!



wg control 100 – chlorine

The compact wg control systems have more to offer

Art. no.: 0110-640-90

- Measurement and control of chlorine water care products
- Measurement and control of the pH value
- Filter control
- Temperature display
- Temperature control, optionally via solar or heating circuit

Art. no.: 0110-643-90

- In addition fitted with sample water control and Rx glass electrode

You need more?

No problem – the following additional features are available optionally:

- Dosing of flocculant or
- POOL-IZEI dosing

And optionally:

- Temperature sensor Water PT 1000 0991-354-00
- Temperature sensor Solar PT 1000 0991-356-00
- Submerged tube for temperature sensor water 0986-151-00

or as:

wg whirlpool control 100 – chlorine

Art. no.: 0110-641-90

- Measurement & control of chlorine water care products
- Measurement and control of the pH value
- With 3 dosage pumps for:
 - pH raise
 - pH reduce
 - Dosing of water care agents

Art. no.: 0110-644-90

- In addition fitted with sample water control and Rx glass electrode

Option for all systems:

- Fibre filter 0101-120-00

Supplied pre-assembled on a wall-mounting plate ready for connection.

For outdoor pools/indoor pools up to 150 m³ and for all whirlpools.

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Subject to technical changes. Errors excepted. 02/2009
dino/RH-0,8-0209-gb

Mains voltage:	100 - 240 V +6 % / -10 %, 50/60 Hz
Power consumption:	10 VA
Protection class:	IP 65
Dimensions housing (w x h x d):	approx. 215 x 185 x 100 mm
Weight:	approx. 1.8 kg
Permissible ambient temperature:	0 °C 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 - 25 minutes)
Controller:	Pulse length proportional (adjustable 10 – 100%)
Operation:	Via plastic foil keypad
Display:	Numeric, 2 displays with 3 digits each, self-illuminating, 6 function LEDs

Filter control: (only for wg control 100 – chlorine)	Filter control manual (On/Off) or automatic via time switch. For filter pump 1-phase 230 V up to max. 1 KW
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Heating and solar control, temperature control:	Solar temperature -20° C to 120° C Pool water temperature 0° C – 45° C Temperature control, optionally via solar or heating circuit
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Dosage pumps:	Peristaltic dosage pump water guard dosing (pump for disinfectants can be deactivated)
Pump hose:	Compl. with connectors 6/4 mm
Capacity:	Max. 3.0 l/h, at a maximum counter pressure of 1.5 bar

Redox meter and controller:	Measurement via redox electrode, non-wearing , display „Redox mV“
Continuous dosing control:	60 minutes (adjustable: 0 - 99 minutes)
Default set point:	600 mV
P-band:	100 mV
Minimum switch-on pulse:	1 sec.
Pulse / pause time:	10 - 100 sec. (adjustable)
Limit value lower upper / lower:	900 mV / 300 mV

pH meter and controller:	
pH measurement:	Via combined electrode with KCL filling
Measuring range:	2 – 9.99 pH
Resolution:	0.01 pH
Default set point:	7.2 pH
P-band:	0.5 pH
Minimum switch-on pulse	1 sec.
Pulse / pause time:	10 - 100 sec. (adjustable)
pH control direction:	pH Raise/pH Reduce 2 relays, switchable*
Continuous dosing control:	60 minutes (adjustable: 0 - 90 min)
Temperature compensation:	28° C
Control range:	5 - 9 pH
Calibration:	Manual with calibration solution pH 7.0 + pH 4.0
Electrode check:	By means of a compensation of slope and zero shift.

Alarm:	Activation in case of a sample water deficiency and dosing alarm. Deactivation of dosing. Alarm relay with voltage-free two-way contact.*
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