

Water quality means pool quality!

PC DYNAMICS



dinoAccess

Worldwide access
around the clock!

Swimming pools | Whirlpools

Chlorine or chlorine-free water care


Measurement | Control | Dosing | Filter and Heating Control

Simply enjoy the best water!

At a glance:

Intuitive (remote) operation, e.g. via smartphone or directly on the device with simple clear text menu navigation


Accurate:

Automatic measurement and control of water treatment and pH 


Turnkey:

With integrated filter/heating control and dosing technology, optional with flocculant dosing or pH raise

Freedom of choice: Choose your water care method at the touch of a button

(chlorine, active oxygen, chlorine dioxide, ozone, bromine) 


Convenient:

Automatic cleaning of disinfection electrode (AER) 

Professional:

"Professional" model with chlorine gas control

Easy:

Pre-assembled on wall mounting plate. Easy to clean design cover. Fast commissioning. 


























































Models

MEASUREMENT TECHNOLOGY

DOSING TECHNOLOGY

FILTER TECHNOLOGY

PC DYNAMICS models

	Poolcare	Free chlorine	Organic chlorine**	Redox	pH	Bromine	universal fm	EASY ≤4.5 l/h*	START ≤11 l/h	DDE ≤6 l/h****	Bromine**	Control of filter and heating
Poolcare active oxygen time-controlled								2x				
Poolcare active oxygen measured EASY								2x				
Poolcare active oxygen measured START									2x			
Redox								2x				
Redox for bromine								1x			1x	
Free Bromine START									1x		1x	
Free chlorine EASY								2x				
Free chlorine START									2x			
Free chlorine DDE										2x		
Professional EASY								2x				
Organic chlorine EASY								2x				
Organic chlorine START									2x			
Professional START									2x			
Professional DDE										2x		
Professional without dosing technology												

Your pool dealer will be happy to recommend the most suitable PC DYNAMICS model for your application.

* up to 9 l/h when using a pump hose with larger diameter / ** with diaphragm-covered electrode and special measuring cell / *** Bromine sluice with solenoid valve

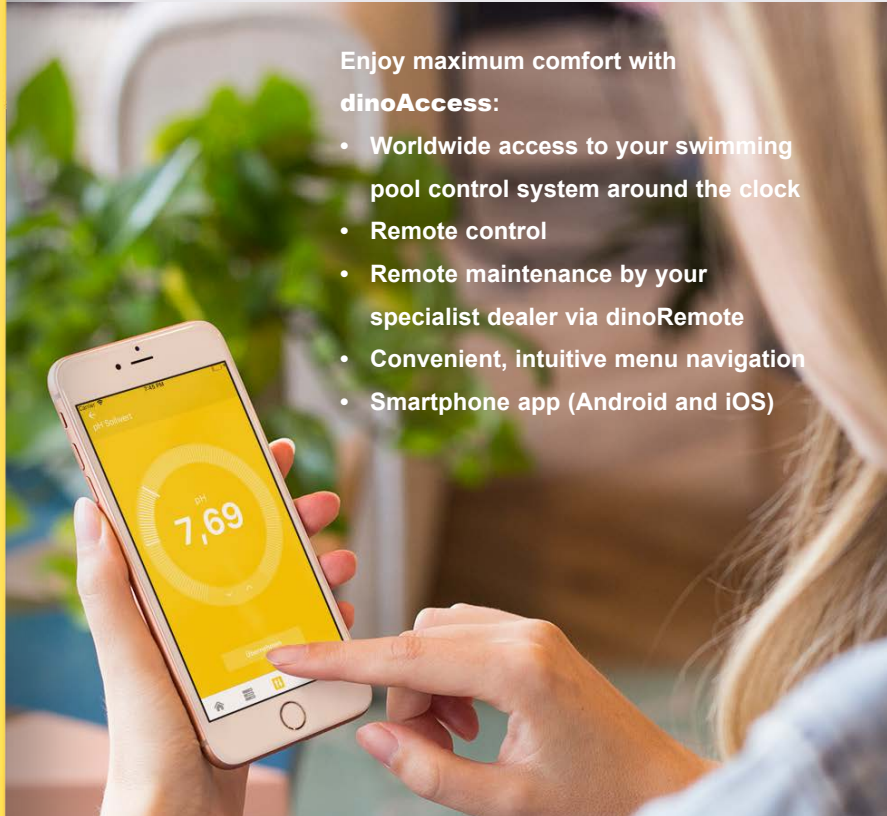


dinoAccess

The smart way to monitor
your water values

Enjoy maximum comfort with
dinoAccess:

- Worldwide access to your swimming pool control system around the clock
- Remote control
- Remote maintenance by your specialist dealer via dinoRemote
- Convenient, intuitive menu navigation
- Smartphone app (Android and iOS)

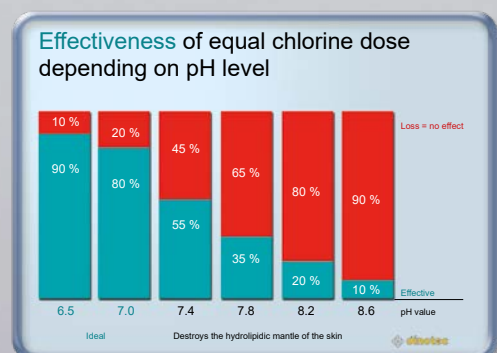
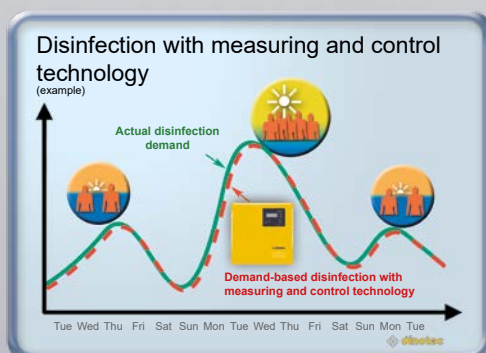


Your pool under control around the clock

Whether swimming pool or whirlpool, the PC DYNAMICS ensures an optimal water quality at all times. All hygiene parameters and water values are monitored and controlled. Due to an automated dosing, water care agents are only added when actually required.

Water quality means pool quality

With correctly set water values, pool water feels pleasant, does not cause irritations (such as red eyes), ensures a long-term protection of your facilities (e.g. from corrosion), and reduces the costs for water care agents.



Technical data

MEASURED VALUE	MEASURING RANGE	RESOLUTION
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Chlorine	0-10mg/l	0.01 mg/l
Poolcare active oxygen measured	0-100mg/l	1 mg/l
Poolcare active oxygen time-controlled	No measurement	
pH	3 to 12	0.01 pH
Redox	350 - 950 mV	1 mV
Chlorine dioxide (only for "Professional" model)	0-4mg/l	0.01 mg/l
Ozone (only for "Professional" model)	0-4mg/l	0.01 mg/l
Temperature (PT1000)	0 - 60 °C	1 °C
Sample water deficiency	On/Off; flow measurement	
T-compensation of pH measurement (automatic via temperature sensor or via manual adjustment)		
Flow compensation for chlorine/Poolcare/chlorine dioxide/ozone measurement (chlorine dioxide/ozone only in "Professional" model)		

Control response P, PI(D) control optionally

Controller outputs proportional via bus

Digital outputs

- 4 potential-free output relays for chlorine (pulse frequency, pulse length, On/Off),
- pH reduce and pH raise (pulse length, pulse frequency, On/Off),
- Alarm, actuator OPEN / CLOSED

Alternative to pH raise: flocculant dosing (ON/OFF)

Maximum contact load 230V/AC:
370 W (inductive), 500 W (Ohm resistive load)

Digital inputs

Empty signal chlorine, pH reduce
External signal "Dosing stop", e.g. from Combitrol filter control

Analog output (optional)

(Option) 0(4) - 20mA for chlorine / Poolcare / ozone / chlorine dioxide, redox, pH, temperature

Interfaces

RS485 for connection to dinoVISION, Modbus RTU

WiFi for remote control with dinoAccess/dinoRemote

Language selection

More than 10 languages

Filter/heating control

On/off adjustable for every day (not for "Professional" model).
Single-phase 230V up to max. 0.75kW. Larger pumps require a contactor.

Control unit

Plastic housing, protection class: IP 65

Dimensions system housing

approx. 600 x 550 x 170 mm (w x h x d)

Weight

approx. 10 kg (depending on model)

Operation

Large graphic display 100 x 30 mm with keypad

Line voltage

230V / 115 V / AC (50 / 60Hz)

Power consumption

10 VA (w/o dosing equipment)

Ambient conditions

Working temperature: +5 to +50 °C
Storage temperature: -20 to + 65 °C
Rel. humidity: max. 90% at 40°C (non-condensing)

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Subject to technical changes. Errors excepted. 09/2019

Simply enjoy the best water!

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