

HELIX
HYDRO



ITC



DOSING PUMPS

WTRTEC

Multi-Parameter
Controller



WTRTEC **BLUE**

Multi-parameter controller for adjusting free chlorine and pH in drinking water reservoirs, with ORP (Red-Ox) safety measurement.

- ✔ Monitoring the water filling flow
- ✔ Correction of chlorine dosing
- ✔ Proportional to the water inlet

WTRTEC **WHITE**

Multi-parameter controller for adjusting free chlorine and pH online with ORP (Red-Ox) safety measurement.

- ✔ Chlorine sensor directly installed in the pipe
- ✔ Monitoring the water flow
- ✔ Online PIQ control with dosing correction according to the water flow

WTRTEC **GREY**

Multi-parameter controller for adjusting free chlorine, pH and electrical conductivity in cooling towers.

- ✔ Free-chlorine reading in a wide range of pH (from 6.5 to 9.0)
- ✔ Automatic correction of chlorine dosing with the water inlet
- ✔ Volumetric dosing of biocide for shock treatments

WTRTEC **RED**

Controller for adjusting pH in the tank or in-line.

- ✔ Dual control output for neutralising with acid and base
- ✔ Online PIQ control with dosing correction according to the water flow to be treated

WTRTEC **GREEN**

Multi-parameter controller for proportional dosing of fertilizers and pH adjusting in-line.

- ✔ Dosing fertilisers with PIQ proportional adjustment of the electrical conductivity
- ✔ Monitoring the flow and proportional dosing
- ✔ Online pH control with adjustment to the PIQ flow



TECHNICAL FEATURES

INPUTS	MODELS				
	BLUE	WHITE	GREY	RED	GREEN
Cl ₂	X	X	X		
ORP (RedOx)	X	X			
pH	X	X	X	X	X
Flow	X	X	X	X	X
EC			X		X
Flow Detector	X	X	X	X	X
STROKES/MIN.	X	X	X	X	X

OUTPUTS	MODELS				
	BLUE	WHITE	GREY	RED	GREEN
Pump Output Cl	X	X	X		
Pump Output pH	X	X	X	X	X
Pump Output Proportional					X
Control PIQ Cl		X			
Control PIQ pH		X		X	X
Control PIQ EC				X	X
ALM Cl	X	X	X		
ALM ORP	X	X			
ALM pH	X	X	X	X	X
ALM Flow		X		X	X
ALM EC			X		X

Electrical Supply

100-250 V AC / 10.8 - 14.4 V DC

Protection

IP65

Temperature

0 - 45 °C

Control/Register mA output

2 Configurables

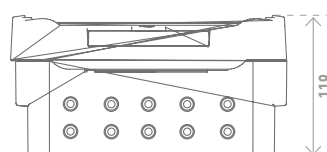
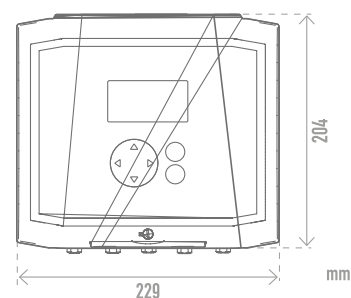
Control Output Relay

2 Configurables

Alarm Output Relay

3 Configurables

DIMENSIONS





Multi-Parameter Controller

- ✔ Online PIQ Control
- ✔ CL, PH, ORP, EC, °C/°F, M3/H / GPH
- ✔ Web/App Remote Control (IoT)



05 - 2022



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