

ELECTRONIC DOSING SYSTEMS



TOWERTECH 3000

Due to the advance in recent years of both electronic and chemical technology, it has become apparent that today's Water Treatment professional requires a single controller developed to suit most water treatment applications, where TDS conductivity control is not required. The Towertech 3000 has been developed for this purpose to finally give a choice to the Chemical industry, with Dual Biocide, Proportional Bleed and inhibitor dose, with a 0-6 hr bleed lock out timer as standard this controller is unique in its design.

Biocide dosing

The dual biocide section the controller combines a micro-processor timer with a PCB which receives the entered program from the timer to give the correct dosage to suit each particular application. There is also a facility on the controller to have the biocides dosing on a ratio basis, this can be set up to a 15 : 1 program inside the controller.

Proportional Bleed and Inhibitor Dose

Both bleed and dose timer outputs can be programmed independently with a time scale up to 30 minutes per output. These can be operated either by an impulse water meter or from its own internal timer.

Bleed lock-out Timer (0-6 hr)

The timer operates only when a Biocide pump is in use, the lockout period can be set to suit each application and only effects the Bleed valve.

TECHNICAL SPECIFICATION

<u>Enclosure</u>	Material Rating Dimensions	Polycarbonate IP.66 235 x 235 x 92mm
<u>Operations</u>	Proportional Bleed and Dose + Dual Biocide Control	
<u>Applications</u>	Cooling Tower Water Treatment	
<u>Proportional Dosing</u>	Bleed and Dose control: Min 0.5 secs to Max 30 mins Outputs apply to both no. 1 and no. 2 Timer	
<u>Biocide Dosing</u>	Digital Clock with 8 On & 8 Off switching operations (see Timer details)	
<u>Lock-out Timer</u>	A lockout timer (0-6 hr) for the Bleed Valve when Biocide Pumps in operation	
<u>Electrical</u>	240V Standard 110V on request Max loading - 4.5 Amps Water Meter 12V switching to ground	

