

Dosage Expert

Intelligent Dosage Control System

PRODUCT

Combining artificial intelligence techniques and professional water treatment experience, Dosage Expert is particularly designed for potable water and wastewater dosage control automation and optimization. Dosage Expert works with Streaming Potential System together as a control package.

FEATURES

- Automatic setting working point
- Sampling streaming potential absolute signal
- Automatic tuning streaming potential signal
- Automatic tracking optimal dosage
- Stable output with no swing/oscillation
- Preventing production accidents
- Auto and manual operation modes
- Operation information detail display
- An intelligent controller

BENEFITS

- Constant high quality finished water
- Free of man power hasty operation
- Coagulant effective saving
- Minimum operation cost

APPLICATIONS

- Potable water treatment
- Wastewater treatment
- Pulp & paper chemical treatments
- Other coagulant dosage fields

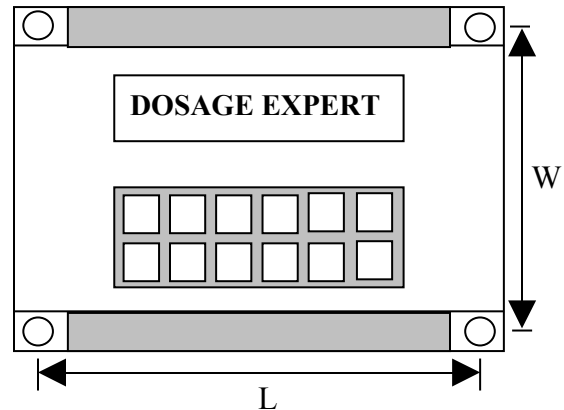
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We Know Water!

SPECIFICATIONS

Dimensions 7"X5 1/2"
L6 3/8"XW5 1/8"



Power Standard: 24VDC, 5.5W
Optional 1: 115VAC, 50HZ
Optional 2: 230VAC, 50HZ

Input 4-20 mA, 0-5VDC, 1-5VDC

Output 4-20mA

Display 2X20 LCD
Auto/Manu, output (%), input

Keypad and Function 12 (2X6) keys
Operation mode, parameter setting
Output, control parameter tuning

Dosage Expert Optional Functions

1. Sampling turbidity online signal as second control loop to maintain desired turbidity at settling basin.
2. Sampling raw water flow rate online signal for higher level automatic control.
3. Plant production accident prevention alarm