

# ROTEK Reverse Osmosis Controller

Purification For Life

C-5TM

## Overview

The C-5TM Reverse Osmosis Controller is designed to control and monitor the operating parameters of a single pump reverse osmosis water purification system at the most economical cost.

Rotek has been designing and supplying standardized RO controller for the past 2 decades, after revised with several versions and installed in the field for more than 2,000 units. C-5TM is the latest, reliable and flexible version that is capable to do automatic permeate flush for high brackish water applications and adjustable flush time. Moreover, the manual flush button is able to start and stop the flush solenoid valve at any time, which allows experienced engineer to flush the system with either raw water or clean water at desired pulse rate to achieve the best membrane flushing result during operation or CIP.



## Key Features

- Permeate TDS monitoring (1-999ppm)
- Selectable operation mode (OP-A/OP-B)
- Automatic raw water flush (OP-A mode)
- **Automatic permeate flush (OP-B mode)**
- Multiple delayed feed solenoid valve closing time
- System status LED lights indications
- Manual flush button (immediate start and stop)
- **Adjustable flush time (initial/tank full/timer flushes)**
- Permeate tank full shut down & flush
- Low feed pressure shut down
- Improved EMI/EMC interference
- **Startup password enable/disable**

## Specifications

- Dimension: (W)151mm x (H)121mm x (D)40mm
- Hole Size: (W)141mm x (H) 111mm
- Power: AC110V / 220V  $\pm$ 10%, 50 / 60Hz
- Input: Dry Contact, DC5V
- Output: Relay AC110V – 1.0A / Relay AC220V – 0.5A
- Working Condition: Temperature 0~50°C, Humidity  $\leq$  85%
- Installation: Panel Mounted

## Mounting Example

