OC–4

High Purity Water Treatment Systems

CANADIAN WATER TECHNOLOGIES LTD

Designed for Patient Safety

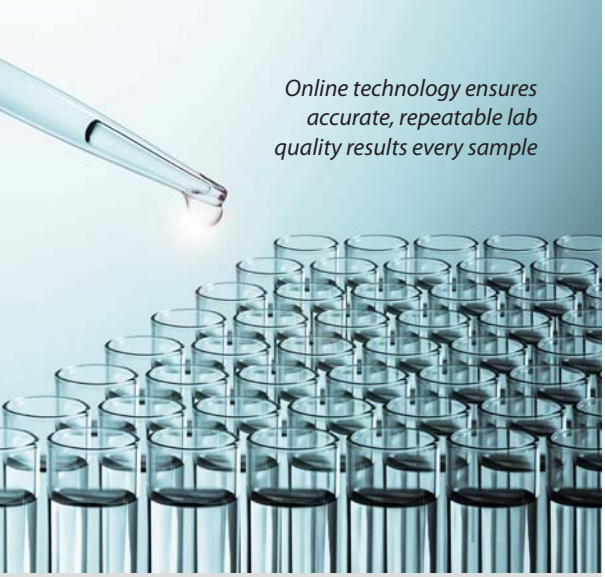
- Online detection technology continuously samples water while patients are being treated.
- Alert levels and trending help to predict carbon exchanges before they are needed, avoiding costly and inconvenient patient transfers.
- Optional remote alarm monitoring and integration with CWT or third party water systems to automatically shut down water production on unsafe chlorine levels.
- Data logging for complete system confidence.

User configurable setpoints and schedule for up to 4 separate sample locations allows for preventative maintenance before chlorine reaches critical levels, ensuring your system remains ready day in, day out.

Designed for You

- Daily checks requires less than five seconds, freeing up health care professionals for more patient care time.
- Automatically sample from up to four locations, providing invaluable data about individual carbon tanks.
- Built in sample port and drain tray for hassle free verification and calibration.
- Familiar CWT interface designed for medical professionals.
- Schedule and setpoint configuration for maximum versatility.
- Sidestream design to accommodate any system size.

Online Chlorine Monitor



Online technology ensures accurate, repeatable lab quality results every sample

Designed for Precision

- Specifically designed for total chlorine ranges under 0.05 parts per million routinely experienced in dialysis
- Automatic, continuous sampling reduces false negative test results caused by variable contact time
- Accurate to +/- 0.01 PPM at low chlorine ranges
- Easy to read results reduce human error compared to DPD or test strips

Specifications

Dimensions	36" W x 24" H x 8" D (plus drain connection)
Weight (Approx)	35 lbs
Inlet TDS	<1000 ppm
Maximum Inlet Pressure	100 psi
Power Requirements	120 VAC ±10%, 60 Hz, 2 A max.
Screen	4" 240x100 pixel touchscreen
Chlorine Sensor Range[1]	0.02 - 1.0 ppm
Response time	Chlorine: < 5 min
Reagent life[2]	2-3 months
Ambient Operating Temperature	15 - 40° C
Storage Temperature	5 – 50° C
Inlet Water Temperature	5 – 40° C

[1] The OC4 is designed to offer maximum repeatability and accuracy between 0.05 and 0.1 PPM.
[2] Actual reagent consumption depends on frequency of RO system running. This figure is based on an indirect feed system completing approximately 40 sample cycles a day. Direct feed systems may consume more reagents.

Options

- RO Isolation Valve
- Remote Alarm

Training and Support

A world class product is only as good as the operators who use it on a daily basis. That is why Canadian Water Technologies has designed a practical, informative curriculum designed to facilitate your technician's familiarity with the equipment and promote maximum uptime. Training is included with all system installations. Follow up training is available upon request.

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