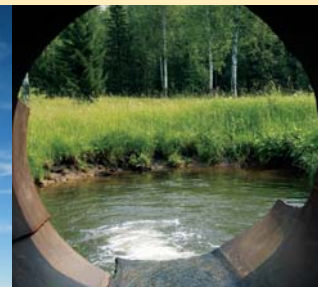


# Capabilities Overview



## Thermo Scientific Water Analysis Instruments



### Thermo Scientific *AquaSensors*

#### Markets

- Municipal
- Industrial

#### Applications

- Potable Water
  - Pre-Treatment
  - Clarification
  - Disinfection
  - Distribution
- Wastewater
  - Pre-treatment
  - Flocculation
  - Disinfection
  - Aeration
  - Effluent



#### Be Smart



Thermo Scientific offers a broad range of analytical measurement options to meet critical local and national requirements for water and wastewater testing with accuracy and confidence you can trust.

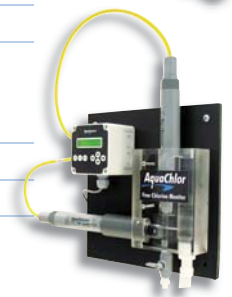
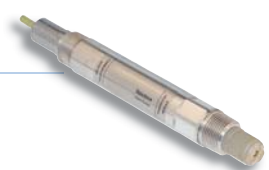
Our products are designed for flexibility, ease-of-use and low cost of operation at each sample point, essential for both

private and publicly held water treatment plants. From Digital Plug and Play systems, Rugged Optical DO, and a vast array of differential and analog measurement capabilities we have the product to fit your water quality application.

Be Smart... see how flexibility, cost savings and reliable results can be!

Potable Water

Application	Variable	Product
 Pre-treatment	pH/ORP	Differential pH/ORP Datastick Measurement System Alpha 2000D with Analog + pH sensor 2102PH pH/ORP controller with ROSS® pH sensor
	Conductivity	Datastick Conductivity Measurement System Alpha 2000 with Analog + conductivity sensor 2104CD conductivity controller with 4-cell conductivity sensor
	Turbidity	Turbidity Datastick Measurement System (High Range)
 Primary Disinfection	pH/ORP	Differential pH/ORP Datastick Measurement System Alpha 2000D with Analog + pH sensor 2102PH pH/ORP controller with ROSS pH sensor
	Free Chlorine	AquaChlor Free Chlorine Measurement System
	Dissolved Ozone	Dissolved Ozone Datastick Measurement System
 Flash Mixers/ Flocculation Basin/ Settling Basin/Filter Beds	pH/ORP	Differential pH/ORP Datastick Measurement System Alpha 2000D with Analog + pH sensor 2102PH pH/ORP controller with ROSS pH sensor
	Turbidity	AquaClear Low Range Turbidity Measurement System
	Suspended Solids	Suspended Solids Datastick Measurement System
	Calcium Hardness	2120XPEN Calcium Hardness Monitor Differential
 Secondary Disinfection/Clear Well	pH/ORP	pH/ORP Datastick Measurement System Alpha 2000D with Analog + pH sensor 2102PH pH/ORP controller with ROSS pH sensor
	Turbidity	AquaClear Low Range Turbidity Measurement System
	Free Chlorine	AquaChlor Free Chlorine Measurement System
Distribution	Free Chlorine	AquaChlor Free Chlorine Measurement System



Be Smart!

Wastewater

 Plant Influent- Pre-Treatment Screening/Filtering Flocculation/ Sedimentation	pH/ORP	Differential pH/ORP Datastick Measurement System Alpha 2000D with Analog + pH sensor 2102PH pH/ORP controller with ROSS pH sensor
	Turbidity	Turbidity Datastick Measurement System (High Range)
	Total Suspended Solids	Datastick Suspended Solids
	Dissolved Ozone	Datastick Dissolved Ozone
 Disinfection/ Clarification Aeration	Dissolved Oxygen	RDO Pro® Rugged Luminescent Dissolved Oxygen System Dissolved Oxygen DataStick (ppm) Measurement System Alpha 2000 Dissolved Oxygen controller with Analog + Dissolved Oxygen Sensor
	pH	Differential pH/ORP Datastick Measurement System Alpha 2000D with Analog + pH sensor 2102PH pH/ORP controller with ROSS pH sensor
 Plant Effluent Sludge Digester/ Disposal	Turbidity	Turbidity Datastick Measurement System (High Range)
	Dissolved Oxygen	RDO Pro Rugged Luminescent Dissolved Oxygen System Dissolved Oxygen DataStick (ppm) Measurement System Alpha 2000 Dissolved Oxygen controller with Analog + Dissolved Oxygen Sensor
	ORP	Differential ORP DataStick Sensor
 Dechlorination Monitoring of Effluent		



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