

# HYDRODYNE

CONTINENTAL HYDRODYNE SYSTEMS, INC.



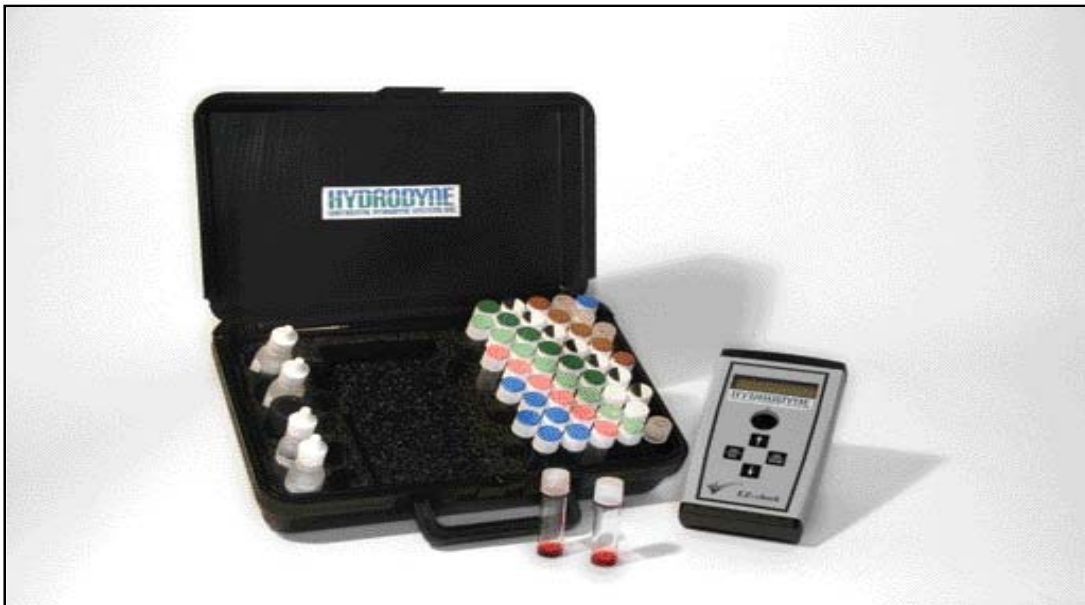
Simple, reliable water testing instruments for the  
safety and well being of your community.

Continental Hydrodyne Systems, Inc.  
6657 Frank Avenue, Suite 200  
North Canton, OH 44720  
330-437-0067  
[hydrodynesystems.com](http://hydrodynesystems.com)

## Continental Hydrodyne Systems, Inc.

*Simple, reliable water testing instruments for the safety and well-being of your community.*

For over 25 years, Hydrodyne Systems has manufactured products for testing our planet's most precious resource...water. We remain committed to providing easy-to-use, reliable products that perform flawlessly every time. Our Patented state of the art technology for colorimetric analysis ensures our customers the most accurate and easy to use solution in the industry.



### Patented Curve Fit (CF™) Technology

The most advanced technology provides you accuracy that will not be compromised due to:

- Turbid samples
- Temperature variances
- Wear and tear of components

With Hydrodyne's Patented **Curve Fit (CF™)** Technology, your results will be free of any variances and, our instrumentation recalibrates every time you blank a sample!

Never again ... be concerned with turbid samples  
... worry about temperature changes  
... send your instrument back to the factory for recalibration

## AquaKing® Colorimeter

The AquaKing® Colorimeter has been engineered with the user in mind. The AquaKing® utilizes our patented Curve Fit (CF™) Technology delivering the most accurate results possible. Never return you colorimeter for calibration again.

### Features

- Built-in Easy to follow on screen instructions
- 60 pre-programmed tests including EPA 180.1 Turbidity Method
- Automatic wavelength selection
- Features included AC power supply and battery capability using 4 “AA batteries”
- Comes with a durable carrying case
- Warranty – 3 year



### Advantages

- Patented Curve Fit (CF™) Technology is superior to conventional colorimetric technology
- The AquaKing® never needs recalibration! (it recalibrates automatically every time you use it)

## EZ-check™ Colorimeter

The EZ-check™ Colorimeter also incorporates our patented Curve Fit (CF™) Technology providing unparalleled accuracy and eliminating the need for factory recalibration. It's easy to use and tough.

### Features

- Custom Programmed for up to 14 tests (see chart below)
- Built-in Menu-driven Instructions on two-line, 16 Character Display
- Automatic wavelength selection
- Portable – Battery operated with auto shut-off
- Comes with a durable carrying case
- 3 year warranty



### Advantages

- Patented Curve Fit (CF™) Technology is superior to conventional colorimetric technology
- The EZ-check™ never needs recalibration! (It recalibrates automatically every time you use it)

↓ Choose up to 14 different tests from any 2 boxes below ↓						
Ammonia	Phosphate Total	Acidity	Nitrate Low	Blue Color	Ammonia Salicyate	Turbidity
Arsenic	Silica High	Alkalinity	Nitrate High	Boron	Calcium Hardness	0 – 1
Barium	Sulfate	Aluminum	Nitrite	Cyanide Free	Detergents	
Boiler Dispersant		Bromine	Ozone	Fluoride Low	Orthophosphate Low	Turbidity
Cadmium		Chloramine	pH 6.4 – 8.3	Fluoride High	pH 7.6 – 9.6	0 – 100
Chromate		Chloride	Phenol	Formaldehyde	Silica Low	
Color		Chlorine Free	Potassium		Silver	Turbidity
Copper		Chlorine Total	Total Chrome		Sulfide	0 – 800
Dissolved Oxygen		Chlorine Dioxide			Tannin & Lignin	
Hydrazine		CO2			Told Hardness	
Iron		Cyanuric Acid			Zinc	
Lead		Hex Chrome				
Manganese Low		Iodine				
Mercury		Magnesium				
Molybdenum		Manganese High				
Orthophosphate High		Nickel				

## Reagent Delivery System – Easy, Safe & Accurate

The Hydrodyne Reagent System is the simplest to use in the industry. Reagent vials are pre-measured and pre-filled in a laboratory. In the field, all you need to do...**Just Add Water.**

### Advantages

- More accurate - no measuring and mixing in the field reduces the chance for human error
- Safer to use - nothing to contaminate the ground or come in contact with eyes/skin and no breaking glass of vacuum filled vials
- No wasted time cleaning glassware - a fresh vial every time you test



Reagent Name ↓	Working Range ↓	Reagent Name ↓	Working Range ↓
Acidity	0 – 25 mg/L	Lead	0 – 2 mg/L
Alkalinity	0 – 50 mg/L	Magnesium	0 – 10 mg/L
Aluminum	0 – 2 mg/L	Manganese Low	0 – 3 mg/L
Ammonia	0 – 5 mg/L	Manganese High	0 – 20 mg/L
Ammonia (Salicylate)	0 – 1 mg/L	Mercury	0 – 2 mg/L
Arsenic	0 – 0.5 mg/L	Molybdenum	0.5 – 35 mg/L
Barium	0 – 50 mg/L	Nickel	0 – 10 mg/L
Boron	0 – 15 mg/L	Nitrate Low	0 – 4 mg/L
Bromine	0 – 8 mg/L	Nitrate High	0 – 100 mg/L
Cadmium	0 – 0.1 mg/L	Nitrite	0 – 0.4 mg/L
Calcium Hardness	0 – 300 mg/L	Orthophosphate Low	0 – 2 mg/L
Chloramine T	0 – 20 mg/L	Orthophosphate High	0 – 50 mg/L
Chloride	0 – 300 mg/L	Ozone	0 – 5 mg/L
Chlorine Free	0 – 4 mg/L	pH 6.4 – 8.3	6.4 – 8.3
Chlorine Total	0 – 4 mg/L	pH 7.6 – 9.6	7.6 – 9.6
Chlorine Dioxide	0.1 – 4 mg/L	Phenol	0 – 5 mg/L
Chromate	0 – 100 mg/L	Phosphate Total	0 – 50 mg/L
CO2	0 – 500 mg/L	Potassium	0 – 10 mg/L
Color	0 – 500 Alpha	Silica Low	0 – 10 mg/L
Copper	0 – 3 mg/L	Silica High	0 – 100 mg/L
Cyanide Free	0 – 0.3 mg/L	Silver	0 – 5 mg/L
Cyanuric Acid	0 – 200 mg/L	Sulfate	0 – 300 mg/L
Detergents	0 – 5 mg/L	Sulfide	0.1 – 1.8 mg/L
Disolved Oxygen	0 – 10 mg/L	Tannin & Lignin	0 – 7 mg/L
Fluoride Low	0 – 2 mg/L	Total Hardness	0 – 400 mg/L
Fluoride High	0 – 6 mg/L	Total Chrome	0 – 0.7 mg/L
Formaldehyde	0 – 100 mg/L	Turbidity (NTU)	0 – 1 NTU
Hex Chrome	0 – 0.7 mg/L	Turbidity (NTU)	0 – 100 NTU
Hydrazine	0 – 0.5 mg/L	Turbidity (NTU)	0 – 800 NTU
Iodine	0 – 10 mg/L	Zinc	0 – 5 mg/L
Iron	0 – 4 mg/L		

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