

## The Compact CoAg System

### Another water treatment innovation from Water Maze for removing suspended solids, emulsified oils, and heavy metals

The Compact CoAg module is now part of the Water Maze Innovator Series, the next generation of industrial waste water treatment equipment. This unit is a cost effective solution for applying chemical coagulation and chemical flocculation water treatment technology. It incorporates the basic elements of the larger, more automated CoAg2-20A model. The Compact CoAg provides treatment efficiencies, within a small footprint, at an economical price.

**Some of the typical applications for the Compact CoAg module are:**

- **Treat & discharge system** when combined with an IPF2-20D Indexing Polishing Filter
- **Stationary recycle system** when combined with an IPF2-20D, REC2-20A (recycle module), and clean water storage tank
- **Mobile recycle system** when combined with an IPF2-20D, REC2-20A (recycle module), and clean water storage tank
- **Pretreatment module** to an existing tank, clarifier, oil-skimmer, or other system

**The full line of Innovator Series Products consists of:**

- EC2-20A - Electro-coagulation System
- CoAg2-20D - Chemical Coagulation System
- IPF2-20D - Indexing Polishing Filter
- REC2-20A - Clean Water Recycling Module

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Since 1989 Water Maze has been manufacturing water treatment systems principally for industrial applications where waste water is generated in manufacturing or by a cleaning method, such as a pressure washer.

Water Maze is pleased to introduce the next generation in industrial wastewater treatment equipment - the Innovator Series. This new line-up consists of modular components, which can be used individually or together, offering an advancement in technology that will revolutionize the way wastewater is treated.



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## Compact CoAg System | FEATURES

### Advanced Chemical Treatment

The Water Maze Compact CoAg System is an advanced chemical treatment system that applies chemical coagulants and flocculents to efficiently remove suspended solids and emulsified oils from the waste stream.

The new Water Maze Compact CoAg System is a very low maintenance, cost effective system to operate. The CoAg can be used on its own as the primary water treatment system, or as a pre-treatment system with other technologies, such as Electro-Coagulation, Bioremediation or Filtration.

### Features & Benefits:

- Processing flow rates up to 20 GPM (gallons per minute)
- Modular and compact, uses inline mixing tubes for enhancing the chemical reaction.
- Modular, can be used as a stand alone system, as a pre-treatment system, or as a post treatment system.

■ The Compact CoAg System employs chemical coagulation and chemical flocculation treatment technologies to enhance and speed up the process of removing suspended solids and emulsified oils from the waste water. It may create water quality that is recyclable, or good enough for discharge to sanitary sewer.

■ Water Maze uses CoAg+ which is a proprietary coagulant specifically formulated to treat suspended contaminants. After the coagulant has been added, the EC+ polymer is then injected to quickly clump the coagulated contaminants together for removal. The chemical process is highly efficient, allowing for adequate mixing and dwell time.

■ Simple to use and to operate.

■ In-line mixing stealth tubes

■ Two peristaltic pumps for chemical injection interfaced with an in-line flow switch.

■ Multiple injection ports for customizing the application

■ Steel support frame powder coated with epoxy primer and polyethylene finish coat.



Shown with IPF2-20D unit



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Distributed by: **Industrial Equipment**  
**830 Cherry Street**  
**Chico, CA 95928**  
**(800) 287-8306**

### Compact CoAg Specifications

Features	Description
Process Flow Rate	Up to 20 GPM
Electrical	120V @ 4 amps w/o infeed pump 120V @ 14 amps with infeed pump
Dimensions	39" L x 19" W x 67"H
Shipping Weight (est.)	200 lbs
Available Options	Onboard ½ HP infeed pump 120V for flooded suction applications