Over 100 years of combined experience in Chemistry, Chemical Engineering and Electrocoagulation Systems and Processes. The F&T team has had Electrocoagulation Systems in operation since 1987. (Peterbilt Motors Company)

**Experience**


**Patents Developed by the F&T Team**

- Patent # US 5,611,907 Electrolytic Treatment Device & Methods, March 16, 1997
- Patent # PCT/US00/698 Electrocoagulation Chamber & Method, April 28, 2000
- Patent # US 6,613,217B Electrocoagulation Chamber & Method, September 2, 2003
- Patent # US 6,866,757 Electrocoagulation Chamber & Method, March 15, 2005
- Patent # US 61/838,118 for Electro Precipitator was filed June 21, 2013
- Patent # US 61/865,139 for Electrocoagulation Chamber with Serpentine Flow Path, was filed August 13, 2013

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F&T Water Solutions is an advanced water treatment company specializing in electro coagulation and chemical free integrated technologies. F&T offers an advanced water treatment system, Variable Electro Precipitator™ (VEP™), in conjunction with other pre and post treatment components to provide portable and fixed based solutions to our customers.

F&T provides the experience and expertise to produce innovative solutions to water and wastewater treatment by leveraging electrocoagulation and supplemental treatments as needed for a complete remediation solution.

1-30 GPM
The F&T 1-30 GPM Portable Pilot Systems (patent pending) is designed to provide an efficient and effective platform for commercial optimization for Electrocoagulation (EC) technologies for field deployment. This Portable Pilot System is designed to control the electrocoagulation process by allowing the user to control three variables: (1) flow rate of the water to be treated, (2) electric voltage and current, (3) electrode material and spacing.

100-200 GPM
The F&T 100 and 200 GPM Electrocoagulation Production Units (patent pending) are designed to provide an efficient and effective platform for medium to high flow Electrocoagulation (EC) water treatment applications. These system are designed to control the EC process by allowing the user to control three treatment variables; the retention time or the flow rate of the water to be treated, the current intensity (amps/cm²), and the selection of sacrificial and non-sacrificial electrodes. Two to four separately controlled reaction chambers, operating in parallel, are included in these systems. The reaction chambers are easily accessible to allow the user to vary the anode and cathode material selection. In addition the reaction chambers can be disassembled and reassembled to modify the electrode configuration in each reaction chamber.

300-400 GPM
The F&T 300-400 GPM Electrocoagulation Production Units (patent pending) are designed to provide an efficient and effective platform for medium to high flow Electrocoagulation (EC) water treatment applications. These system are also designed to control the EC process by allowing the user to control three treatment variables; the retention time or the flow rate of the water to be treated, the current intensity (amps/cm²), and the selection of sacrificial and non-sacrificial electrodes. Two multiple provisioned high flow rate reaction chambers are separately controlled, operating in parallel, and included in these systems. The reaction chambers are easily accessible to allow the user to vary the anode and cathode material selection. In addition the reaction chambers can be disassembled and reassembled to modify the electrode configuration in each reaction chamber.