



# Böttcher-Molex

## Reduction of bacterial growth in fountain solution circulation systems

Felix Böttcher has developed an innovative electronic device that effectively reduces the formation of bacteria, fungus, and bio-films in fountain solution circulating systems. An electrode is placed in the bottom of the recirculator tank in the area of highest water flow. This electrode is connected to a current generator. A flow of low voltage alternating current is created across the plates of the electrode. This current produces radicals that permanently eliminate the growth of biofilms, algae and bacteria. Use of the Böttcher-Molex will degrade and eliminate biofilms in previously contaminated recirculating systems.



### Characteristics

- Effective reduction of bacteria and fungal growth
- Addition of biocides or disinfectants is not necessary
- Will degrade and reduce bio-films in previously contaminated equipment and piping
- Reduces turbidity in fountain solution
- Does not alter the print characteristics of the fountain solution
- Does not change the anti-corrosion characteristics of the fountain solution
- Does not produce any fumes or gases
- Easy installation
- Requires no additional consumable items
- Electrode is harmless to touch, voltage is less than 12 volts
- Economical to operate, power consumption is less than 15 watts
- Böttcher exclusive, patent pending

### Application

The Böttcher-Molex is particularly suitable for use in the fountain solution circulating systems of newspaper presses.