



Böttcher- Molex

Reduction in bacterial growth in fountain circulation systems

Felix Böttcher has developed an equipment to effectively reduce the formation of bio films/ algae build-up in fountain circulation systems. An electrode is placed at the bottom of the fountain solution tank, near the area with high turbulence, and is connected by a cable to the current generator. Through the electrodes flows an alternating current producing radicals in the fountain solution which permanently eliminates growth of bio films/algae in the fountain circulation system. By use of the Böttcher-Molex equipment in fountain circulation systems which are already contaminated, bio films/algae will be degraded and eliminated within a few days.



Böttcher-Molex

Characteristics

- ⊕ Effective reduction of germs and fungal growth
- ⊕ No additive of biocides or disinfectants necessary
- ⊕ Degradation of bio films/algae in equipment already contaminated with germs
- ⊕ Reduction in turbidity in the fountain solution
- ⊕ Does not change the printing characteristics of the fountain solution
- ⊕ No influence on the pH-value or conductivity
- ⊕ No change in the corrosion characteristic of the fountain solution
- ⊕ No development of gases at the electrodes
- ⊕ Easy to install
- ⊕ No additional consumable items necessary
- ⊕ Electrodes harmless to touch, with voltage below 12 Volts
- ⊕ Small electric power consumption, electric power below 15 Watts

Application

The equipment is particularly suitable for fountain circulation systems in newspaper presses.