

## Changing Conductivity in Capillary Electrophoresis.

When you change the Conductivity of your CZE method, the following changes can be expected.

**Joule Heating:** Reducing or lowering the conductivity will reduce the amount of Joule Heating in your capillary.

**Current:** A lower conductivity results in a lower Current.

**Resolution:** When conductivity is reduced sample loading can be adversely effected.

**Migration Time:** A greater difference in Conductivity between the sample buffer (sample zone) and your run buffer will speed migration time. This is called Stacking.