Remarks on the field distribution in four electrode chambers for electrorotational measurements.

Gimsa, J., Glaser, R., Fuhr, G. R., 1988. Studia biophysica 125:71-76.

Abstract: By means of electrorotation the dielectric properties of cells or other dielectric particles can be investigated. To measure electrorotation usually four-electrode-chambers are employed. Field distribution in these chambers were studied. Recommendations of electrode shapes for electrorotational measurements are made. The special case of only one driven electrode for dielectrophoretic measurements or for adjusting cells in the chamber was considered too.





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