

# Instrumentation for physical modeling of seismoelectric phenomena

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**Abstract.** An instrumentation with high sensitivity and high noise immunity for physical modeling of the seismoelectric phenomena is described. In the presented instrumentation, the engaged methods of excitation and measurement of the acoustic and the electric fields make it possible to study the first and the second type weak seismoelectric and electroseismic effects. The instrumentation is tested on a diversity of models.

**Keywords:** geophysics, seismic & electric exploration, modeling, instrumentation.