

SEISMOMETERS FOR MONITORING SYSTEMS

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Abstract. A very broadband seismometer, a broadband seismometer, and a strong motion accelerometer of the new generation are briefly described. The sensors have been designed at Schmidt Institute of the Physics of the Earth, RAS for seismic activity monitoring systems. The results of laboratory and field tests of the instruments have confirmed their very high and in some cases unique parameters.

Keywords: very broadband seismometer, broadband seismometer, accelerometer, strong motions.