

# Geospatial Modeling & Visualization

A Method Store for Advanced Survey and Modeling Technologies

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## EM38-MK2

### GEONICS EM38-MK2

The EM38 is excellent for determining soil salinity and can cover large areas quickly without needing grounded electrodes. The EM38 provides depths of exploration of 1.5 meters and 0.75 meters in the vertical and horizontal dipole modes respectively.

Measurements are made by placing this instrument on the ground and recording the meter reading. Digital meters are located on the top and the side of the EM38 for the horizontal and vertical dipole measurements. Continuous or station measurements can also be taken from a standing position. The EM38 has proven very useful in many geotechnical applications such as in archaeology, assessing agricultural potential, and soil quality monitoring, where use can also be made of the in-phase component giving a measurement of the soil magnetic susceptibility.

Information from the Geomatrix website:

<http://www.geomatrix.co.uk/em38-mk2.php>



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