

## LABORATORY: CNR-ISPC

### NAME OF THE INSTRUMENT

ARES II - 10-channel automatic resistivity system 96 channels

### GENERAL DESCRIPTION:

ARES II Advanced resistivity & IP imaging system allow to measure 3D electrical resistivity and induced polarization and therefor the reconstruction of the buried structures at several meters deep.

### TECHNICAL DESCRIPTION:

Equipped with 10 channel receivers convenient for all kinds of geophysical survey. ARES II keeps compatibility with all ARES multi-electrode accessories. One ruggedized weatherproof unit integrates transmitter with receiver and control unit completed with rich software support for many measuring methods.



Figure: ARES II - 10-channel automatic resistivity system 96 channels

### FURTHER INFORMATION:

- Leucci G., 2015, Geofisica Applicata all'Archeologia e ai Beni Monumentali. Dario Flaccovio Editore, Palermo, pp. 368. ISBN: 9788857905068
- Leucci G., 2019, Nondestructive Testing for Archaeology and Cultural Heritage: A practical guide and new perspective. Springer editore pp 217, ISBN 978-3-030-01898-6
- Leucci G., 2020, Advances in Geophysical Methods Applied to Forensic Investigations: New Developments in Acquisition and Data Analysis Methodologies. Springer editore, pp 200, ISBN 978-3-030-46241-3
- Giannino F., Leucci G., 2021. Electromagnetic Methods in Geophysics: Applications in GeoRadar, FDEM, TDEM, and AEM. Wiley, pp 352, ISBN: 978-1-119-77098-5

