

INTEGRATED GEO INSTRUMENTS & SERVICES (P) LIMITED

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PRODUCT LIST

I D.C. Resistivity Meters

- 1 **DDR-3** : Measures 'R' directly through digital display. Also has provision to measure ΔV & I separately. Operates with built-in 2 X 12V rechargeable batteries.

II Microprocessor Based Signal Stacking Resistivity Meters

- 1 **SSR-MP-AT** : Measures apparent resistivity directly when spacing parameters are given. Has the provision to store the data in memory and transfer the same to computer. Automatic current and voltage settings. Selection of stacks is optional. Can be used to probe upto a depth of 500 m. Operates on 2 X 12 V rechargeable batteries.
- 2 **SSR-MP-AT-S** : A resistivity meter first of its kind in the world. Directly measures the true (strip) resistivity of the formation occurring between two successive current electrode spacings. In addition has all the features of SSR-MP-AT.
- 3 **SSR-MP-AT-ME** : Multi electrode resistivity meter to scan the subsurface formations using 'Resistivity Scanning Technique. Has all the features of SSR-MP-AT-S.

III Other Equipments

- 1 **Well Logging Equipment (Spot Logger)** : A spot logger for carrying out Self Potential, Short Normal and Long Normal Resistivity logging in bore/tube wells.
- Continuous Logger** : Continuous logging equipment for Short Normal, Long Normal in bore/tube wells with power driven winches and data recording system
- 2 **Proton Precession Magnetometer Model PM600** : Measures total magnetic field. Operates with built-in 12 V rechargeable batteries.
- 3 **Susceptibility meter** : Measures magnetic susceptibility of rocks insitu in the field, as well as in the laboratory.

- 4 **Seismic Timer** : Measures time intervals in milliseconds between the geophone and the shot point.
- 5 **Metal Casing Detector** : Used to estimate the length of metallic casing in the borewells. The sensor works on the principle of electromagnetic induction. Developed by IGIS and won the Best Invention Award in 42nd All India Industrial Exhibition in 1983.
- 6 **Water Level Indicator** Useful to measure water table depths in open wells and in tube wells/bore wells.
- 7 **Water Level-cum-Salinity Indicator** : Measures water table depths and also indicates approximate salinity of water in open wells/tube wells/bore wells.