

PORTABLE NUCLEAR MEASURE INSTRUMENT

Type IMU 100

This Portable instrument is an universal instrument for all NUCLETRONICS probes.

The instrument is built up around a PC with special NUCLETRONICS hard-ware and soft-ware. Further a Colour LCD monitor, Flash memory and a lead battery of either 7Ah or 18 Ah.

By adding different soft-ware the instrument can be used with all NUCLETRONICS probes as:

- Depth Moisture/Density
- Moisture/Density-log in deep bore holes
- Natural Gamma-log in deep bore holes
- Electrical flow-log
- 2-probes for horizontal density and ball moisture
- One channel analyzer
- Portable Pile Tester
- Nuclear flow/time with graph.

A special version is Type IMU 106 for connection of up to 6 probes. The probes can be both NUCLETRONICS type and just pulse input via BNC-plugs.



Soft-ware for Moisture/Density-log

The instrument start up in a MENU for easy handling. The programme consists of a database and the programme for measure with Moisture/Density-log probe incl. the Cable length measure with pulse encoder. All measurements will appear as a graph going from top in steps of 5 cm depth. At the left side of the screen you can see the measurements and the depth in figures. The graph scale can be set for correct scaling. You can stop and start again when you want to and it is possible to set marks and notes for different depth. All data automatically will be stored in a Graph-file and an ASCII-file when going out of the programme. Anytime you can take up an old graph and change settings. By moving a pointer around in the graph you can see the measuring results together with the depth. From the MENU you directly can send all ASCII data to the floppy drew.



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