

PORTABLE NUCLEAR MEASURE INSTRUMENT

Type IMU 106

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 Nuclear logs with 1-6 probes Suitable for tracer investigations

The instrument starts up in a MENU for easy handling. The programme can take measurements from 1 to 6 individually NUCLETRONICS probes and/or input from other probes via a BNC-input. In the programme there is a database for setting which type of probes, the time constant, the zoom and for setting the File-name and working place.

In top of the programme you will find the measured value for all probes. The rest of the scale gives a graph in different colour for each input in step of the zoom setting (1-5-20-60 sec). It is easy to see the time between the different input tops. The scale - zoom - time constant can be set in when measuring.

All measurements will be stored in a graph-file and as ASCII-file. Anytime you can take up an old graph and change settings. By moving a pointer arround in the graph you can for each second see the mesuring results for all 6 probes together with the time.

The instrument also can contain the software for Natural Gamma-log.



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