

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 Depth Moisture/Density

The instrument start up in a MENU for easy handling.

The programme consists of a database and the programme for measure with the Moisture/Density probe inclusive the depth indicator.

All measurements will appear in a frame with:
measure no, depth, moisture value, density value.

If the calibration is a linear curve you can set the suppression and the slope in the database to have the values in %H₂O and g/cc.

All data automatically will be stored in an ASCII-file when going out of the programme.

From the MENU you directly can send all ASCII data to the floppy drew.



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