LMG-CONTROL
Visualisation, Logging and Evaluation
Configuration-/Control Software

ZES ZIMMER
Electronic Systems

The link between
unit under test, power meter and developer

- Transfer of the current configuration and remote-edit on PC
- Selection of any measuring values from different channels and groups
- Online visualisation during the recording, in graphical and in table form
- Export of a subset of the recorded measuring values
  for a selectable time period
- Multiplicity of evaluation modules additional to basic version
- Timestamps with a resolution of 1 millisecond
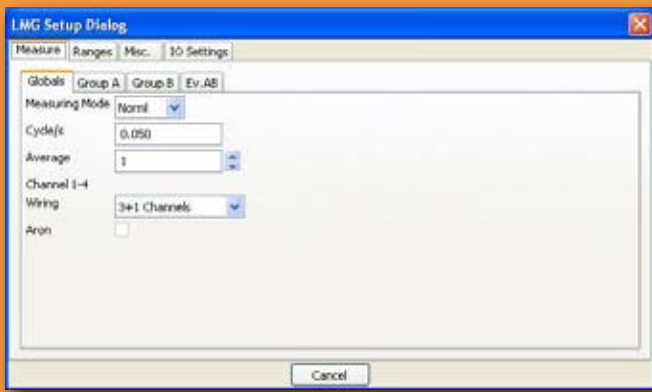
Measuring menue in **LMG-CONTROL** software ...

... and at the precision power meter

Modular design
- Plot module: Y(t)-plot of selected measuring values
- Table module: tabular display of measuring values
- Display module: display of current values

Save and load device configuration
- edit LMG-scripts and formulas remotely in **LMG-CONTROL**

Interactive mode to set up your measurements
- immediate transfer and display of configuration
- concise selection of measuring values

Recording and storage
- recording adds timestamps with accuracy in the range of milliseconds
  for precise data processing and analysis
- programmable recording:
    - with timer (start and stop, resp. recording duration)
    - triggered by digital inputs
    - when measuring value exceeds definable threshold
- compressed storage of data saves disk space

Analysis
- modules for different display and analysis

Data export
- reduction of data size by selection of a subset of the
  recorded measuring values and selection of a time period
- intelligent data export optimised for external applications like Microsoft Excel, Matlab, etc.

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