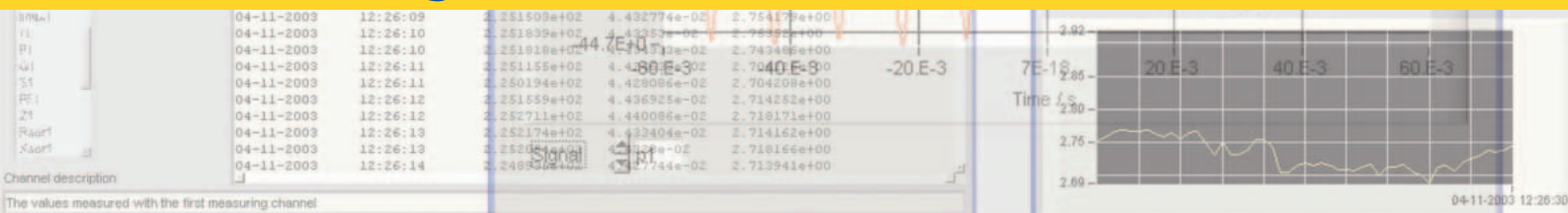


## TERM-L5 Software for Data Logging and Configuration of the LMG Power Meters



## Power Measurement and Long Term Data Logging



### ZES ZIMMER Software TERM-L5:

- Comfortable configuring of LMG power meters
- Long term data logging of precision power measurements
- Access to captured values via LAN while logging
- Real time visualisation of measurements
- Capturing transients
- Back up power supply

## ZES ZIMMER Power Meters and Long Term Data Logging with TERM-L5

Measuring



or



or



### LMG95

1 Phase Power Meter  
Precision range DC-50kHz  
Basic accuracy 0.03%  
Voltage ranges 6-600V (directly)  
Current ranges 150mA-20A (directly)

### LMG450

4 Channel Power Meter  
Precision range DC-20kHz  
Basic accuracy 0.1%  
Voltage ranges 6- 600V (directly)  
Current ranges 150mA-16A (directly)

### LMG500

1-8 Channel Power Meter  
Precision range DC-5MHz  
Basic accuracy 0.03%  
Voltage ranges 6-1000V (directly)  
Current ranges 20mA-32A (directly)

Logging

### NDL5 operation



Ethernet



Standalone data logging  
(PC only necessary to configure, to view and export data)

or

### PC operation



Configuring, recording and evaluating data

Features	Description	NDL5 operation	PC operation
Remote configuration of power meter	Full configuration of power meter including programming formula/script editor. For NDL5 operation the configuration is saved in NDL5.	✓	✓
Setting of start and stop time	Start and stop times of data logging are settable. Logging can also be synchronised with the digital inputs of LMG.	✓	✓
Continuous logging	Simultaneous data logging with a settable resolution 50ms up to 1h	✓	✓
Stepwise logging	Logging of data is manually controlled		✓
Saving of sampling values	Transferring and saving sampling values both in continuous and stepwise mode with settable trigger conditions	✓	✓
Visualisation	The measured values can be presented in six plot windows		✓
Splitting of the data volume	The measured values are saved in files with definable size or record duration	✓	✓
Data evaluation	Saved ASCII data can be processed by means of customary software tools (MS Excel, Matlab etc.)	✓	✓
Connection to a computer network	Recorded data are available via LAN during logging, too	✓	
Back up power supply	The back up system supplies the measuring and logging units during voltage breaks up to 15 minutes	✓	

Subject to technical changes, especially to improve the product, at any time without prior notification.