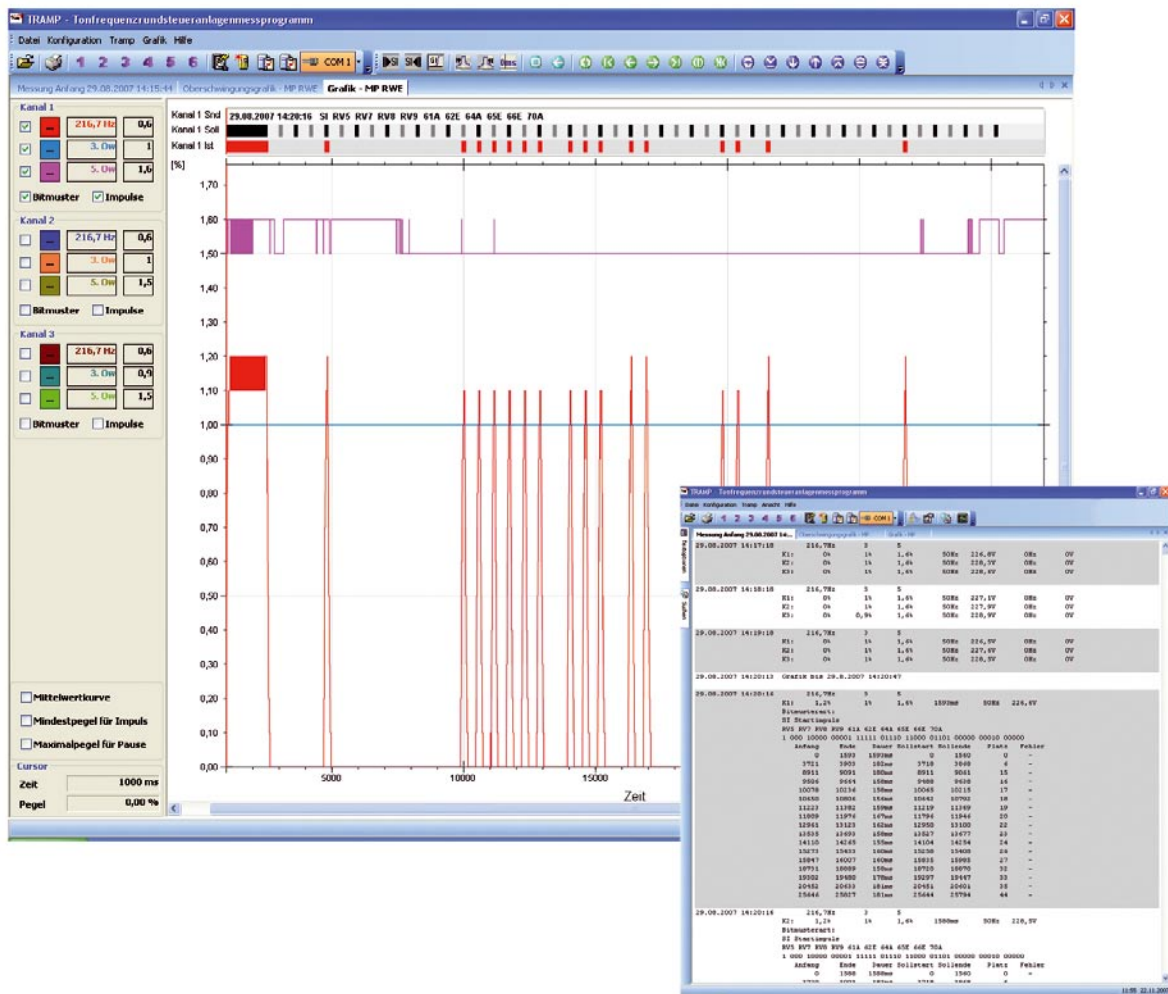


Analyse and record ripple-control signals

The mobile measuring system 'TRAMP 2' supports the three-phased continuous reporting and archiving of ripple-control operations at any given network point. Accurate resolutions of time and level axis guarantee well visualized measuring results which facilitate a detailed error analysis and representation of specifically selected ripple-control transmissions. The graphic user interface is based on MS-Windows.



- Decoding of all bit patterns, also according to DIN 43681-3 (remote configuration)
- Three-phased current or voltage metering
- Configuration of different filters for all frequencies up to 2 kHz per software
- 0,1% resolution at 1 ms scanning rate
- USB-interface
- Data transmission according to IEC 870-5
- 3 digital direct current (DC) inputs (WT-metering etc.)
- no connection to PC necessary

Measuring system TRAMP 2



All components needed for network measurements fit in a sturdy functional aluminium case.

Depending on the application, the ready-to-use measuring instrument can be connected with clips or current clamp. The measuring equipment meets the operation requirements for voltages of up to 1 kV.

Highly flexible silicone cables provide protection against unfavourable environmental influences, heat, acids, etc. The measurements carried out in the network can be shown graphically for up to 9 frequencies (3 per channel). Telegram desired and actual grid are directly linked to the level process measured via scale indicator; the corresponding values of the level and time axis are displayed numerically and provide, apart from the clear text report, an ideal basis for an error analysis. A variable axis scaling (zoom) permits a detailed illustration of selected telegram sectors as well as a large scale singular pulse graphic. In addition to the detailed PC-based illustration of all measurement results, an independent alphanumeric display provides a first quick overview of the obtained measurement results, containing all ripple-control transmissions decoded since the units' start-up including initiating pulse level, measured pulse periods and differences between the measured results of the 3 phases. The harmonic wave scanning carried out alternatively every 1 or 15 minutes is traced via display as well.

▶ The PC-software enables you to gain a comprehensive insight of the capabilities of our measuring system TRAMP. Ask for your demo disc today!

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