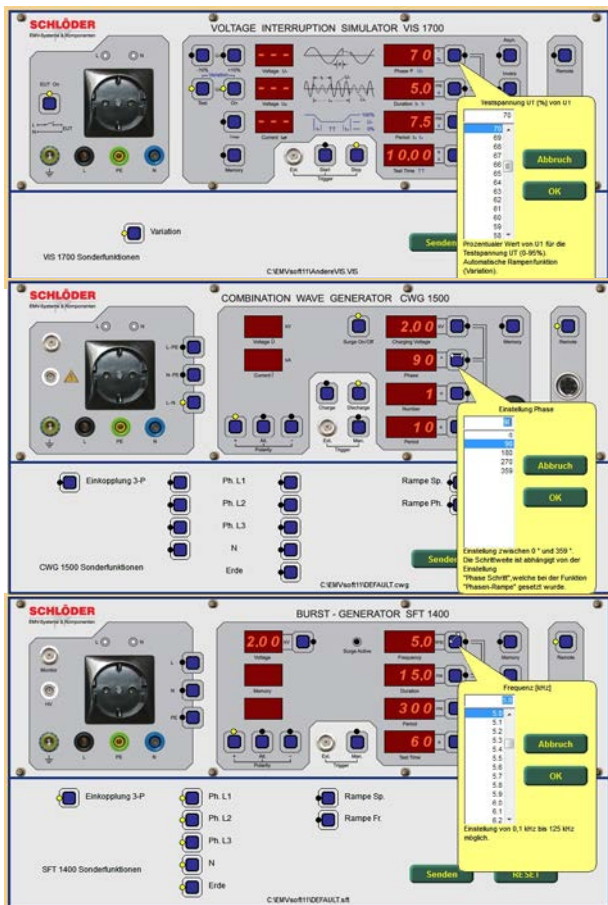# SCHLÖDER
EMV-Systeme & Komponenten

Software for operation
EMC - test generators
(Schlöder generators)

EMC-Soft 11

The Microsoft-Windows (WIN98 /XP /2k /7) based software EMV-SOFT controls the Schlöder test generators via one interface cable. The "EMV-SOFT" includes the interface cable. The program EMV-SOFT controls the generators for BURST, SURGE, incl. 3 Phase coupling network and the Voltage interruption simulator (VIS). For a USB connection you need a USB-RS232 converter.
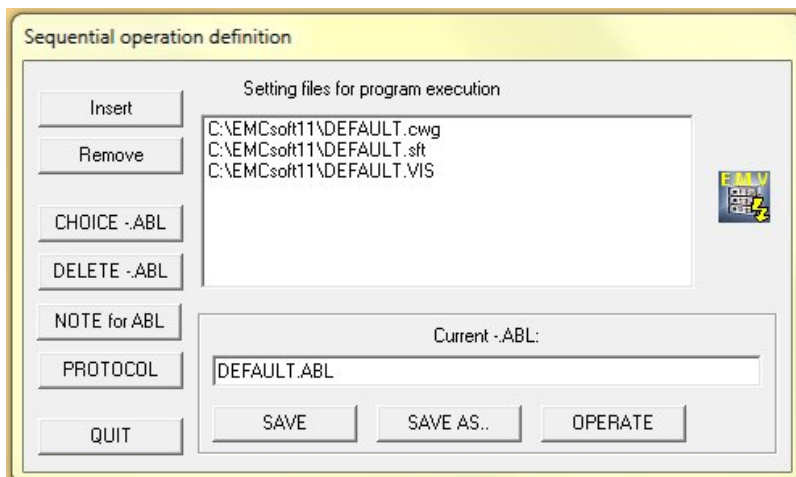For this purpose in the software COM port until 9 can be selected.

All parameters which you can adjust directly at the test generators can be handled also with the software. Additionally you have the possibility to create ramp functions and device-specific test functions. With the sequential test-editor you can add several single programs to one multi test file to create complex test programs.

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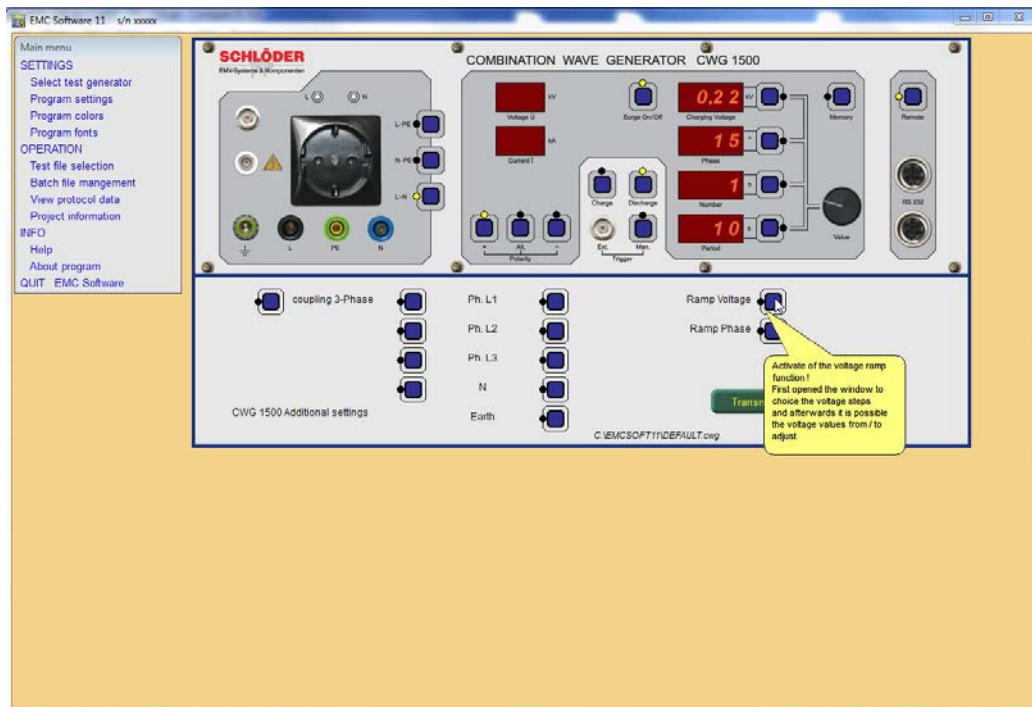
Overview to the software

- **Device-specific sequence controls**.
  With the sequential test-editor you can add several single programs to one multi test file to create complex test programs. Create sequential files (batch test) by combining setting files.

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- **Tests with ramp functions**.
  Additionally you have the possibility to create ramp functions and device-specific test functions.
  Allows testing with ramp function of the voltage, phase, frequency or time, dependent of used generator.
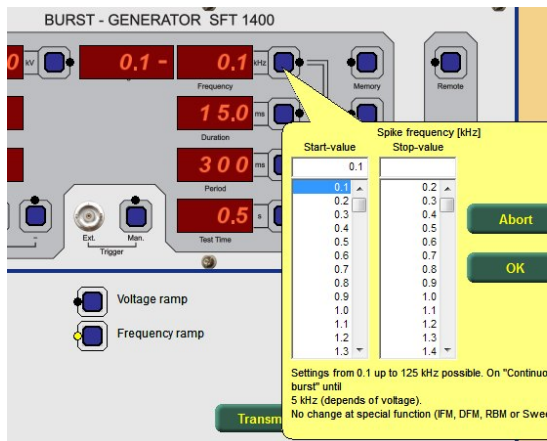
SFT 1400 /1420   CWG 1500   VIS 1700

Ramp: Voltage   Ramp: Voltage   Ramp: Phase angle

Ramp: Frequency   Ramp: Phase   Ramp: Interupt. time

                                                                   Ramp: Repetit. time

After activating of a SFT ramp (either the voltages or frequencies value) the selection field is divided into two parts. So the start and the end of the ramp can be selected easily.

- **A built in Project Information Editor**.
  An integrated Editor for project information allows to create and store individual headlines for your test logs.
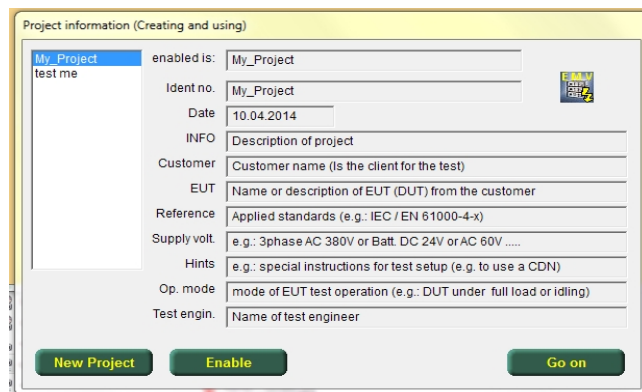
The current project information is displayed each time you start the software (can disabled)

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- ## Separate note fields for program control files.

  Memo fields for parameter
  files and sequential
  files will help you in
  the assignment
  regarding the use.
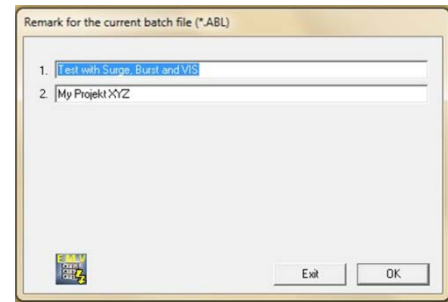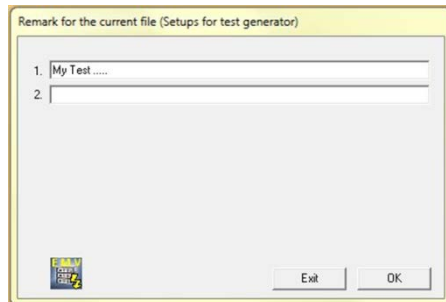
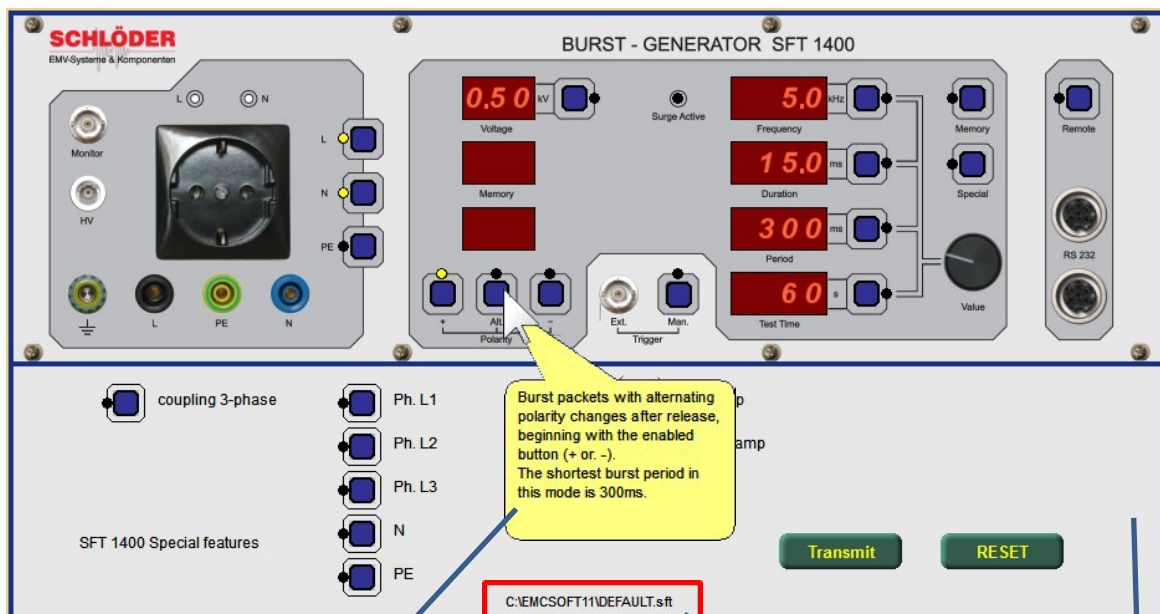- ## Operation under real devices-views.

  In the generator view you find the setup for all parameters that are transferred to the test generator.
  All values can be chosen easily with the mouse. It is checked automatically if the values are within
  the allowed maximum parameters of the test generator.
  Like a real generator, all parameter can be defined as described in the generator manual.
  The demo mode allowed an overview about the generator function - without connected test
  generators.
  Panel for special functions of each generator is automatically adjusted.
  Helpful in this case is the declaration of the function keys as soon as your mouse passes over it.

Burst packets with alternating polarity changes after release, beginning with the enabled button (+ or. -).
The shortest burst period in this mode is 300ms.

If you move the mouse cursor over the button's in the setup picture, you get information to the function.

Shows the topical set up file

Field for additional settings e.g. 3 phase coupling network and choice for ramp functions

- **Comment on test processes.**
  Always if a current test is finished or interrupted, it is possible to write a comment for the protocol.
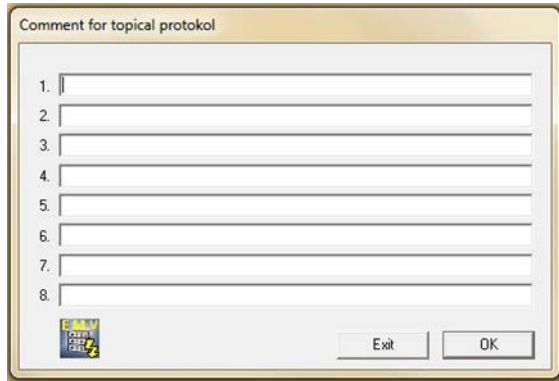
- **Continuous recording of measured data and project information**
  in separately managed text tables (CSV) files updated. This data is available for further processing for external programs (e.g. MS Access) is available.

Protocol text

Protocol list

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