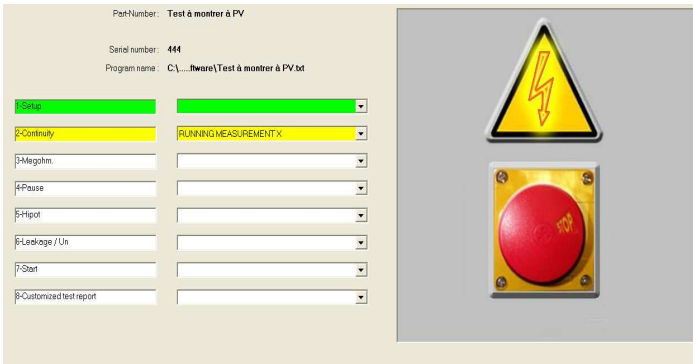


# SxsPRO

- Easy driving/programming of the whole XS Series in GPIB, RS232 or Ethernet interface
- Ground continuity, hipot, insulation resistance, leakage current and power measurement management
- Traceability to Microsoft Windows™ Excel, Word, Access and SQL
- Report and sticker management
- Bar code reader management
- Production management : team levels & lot management
- Customizable dialogue pop-ups with texts, images and sounds
- Multi lingual software (english, français, deutsch, español) + 1 customizable language
- Free upgrades downloadable from the internet in order to benefit the latest functionalities



SxsPRO software lets you easily program your sequence and reports through its assistant in order to trace your result for conformity and quality purposes. In few clicks only a sequence can be made, for laboratory application, but also production matters.

SxsPRO can drive C/D/R/SXS but also C/D/R/S/FMG series

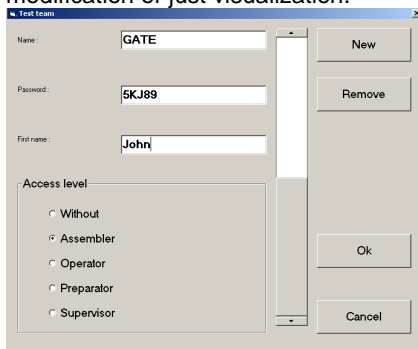
## BEFORE PROGRAMMING

### Simulation or Real mode

- Automatically SxsPRO will detect if you are connected to a tester and display his model number and serial number
- If there is no device connected then you are in simulation mode but can still fully program a test sequence ; this has the advantage to easily prepare a test

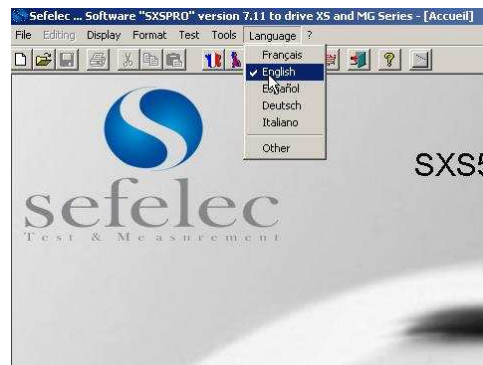
### User levels

- Each SxsPRO user can be identified with different access levels in order to give authorization to certain actions, modification or just visualization.



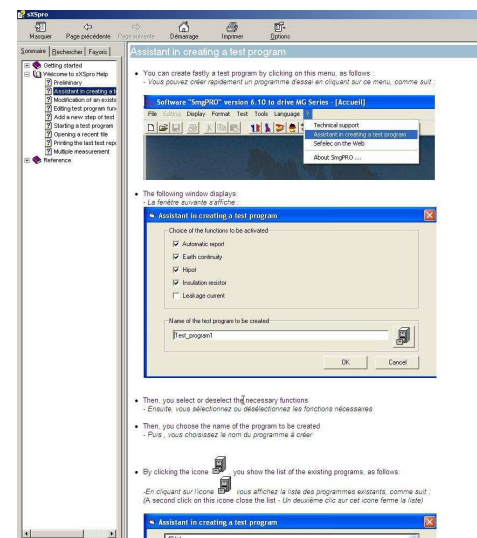
### Languages

- Several languages available in one click
- One of the languages (Other) can be fully text customized as desired



### Context-sensitive help

- Anywhere you are in the program, on any function, box or menu, you can click on F1 key in order to be assisted by the context-sensitive help



# AUTOMATIC TESTING

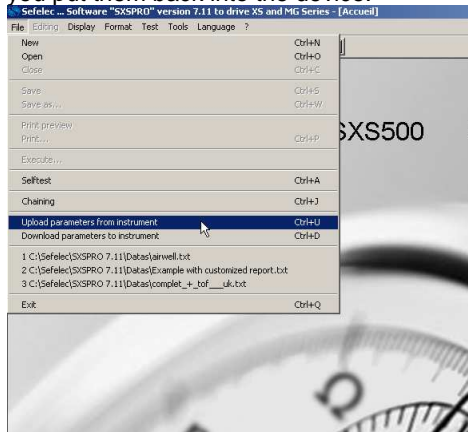
Writing a test program in SxsPRO is few minutes, but if you want to be assisted, it becomes even easier.

Four possibilities are available :

1. Let's say you are testing according to a certain **standard**, then just select it and some typical models are available.
2. Let's say you have to test for some defined tests, then just select the required **function**, and the most typical test parameters will be generated.
3. Let's say you want to **upload** the parameters stored inside the equipment, then just click the upload button and the software will get them all registered
4. Let's say you want to create a production sticker or exhaustive report, fully customizable, then, just use our models or **manual** program tool, and customize your own test files.

## UPLOAD/DOWNLOAD ASSISTANT

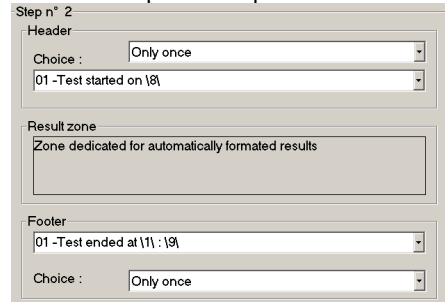
- There is the possibility to upload all the parameters stored inside the equipment in order to save them in the software.
- The same reverse function : download, lets you put them back into the device.



## Step3

Select the type of report you wish : automatic one (nothing to program then, result will be pre-formated), customized one (select the data you want to see, add text, images, boards, logo, comments, ... in your report) and/or production stickers

### Automatic report example



## STANDARD ASSISTANT

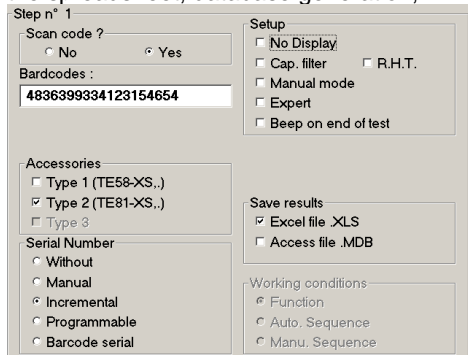
- If you want to quickly program a test, just select the standard you follow ; they are pre programmed
- Also, many examples are provided ; you can derivate your own test file from them

## MANUAL PROGRAMMING

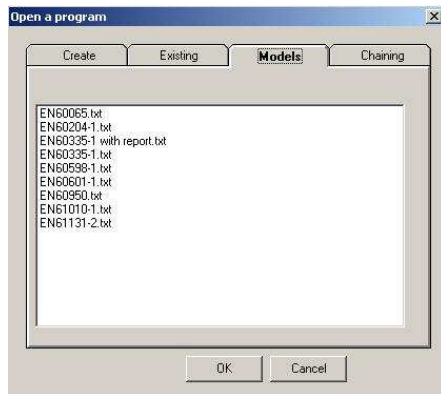
- You can manually program a test file by opening an existing model and modify it, or creating a test program from zero : few minutes and 3 steps are necessary only.

### Step1

Adjust the setup : link your test file to a bar code, choose a serial number type, activate the spreadsheet, database generation, ...



### Customized report example

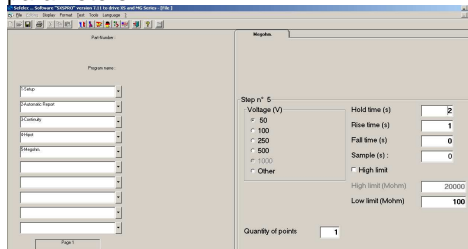


## FUNCTION ASSISTANT

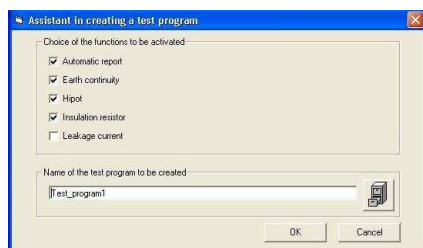
- If you want to quickly program a test, just select the standard you follow ; they are pre programmed

### Step2

Select the required functions and test parameters



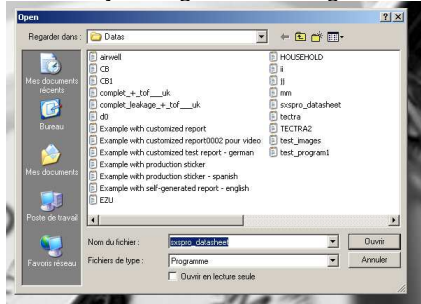
### Sticker example



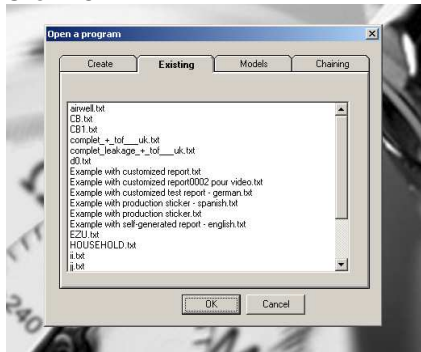
# AUTOMATIC TESTING

## LAUNCHING A TEST

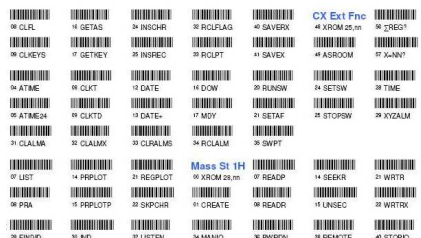
- The test can be initiated as below :
  - manually through the scrolling menu



- manually through a pop-up window appearing at the initialization of SxsPRO

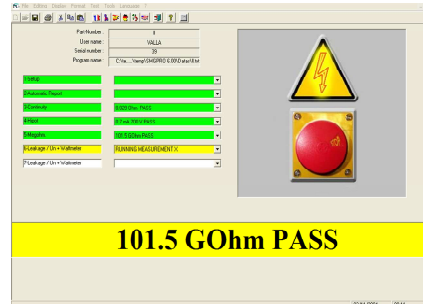


- automatically through a bar code list of test files

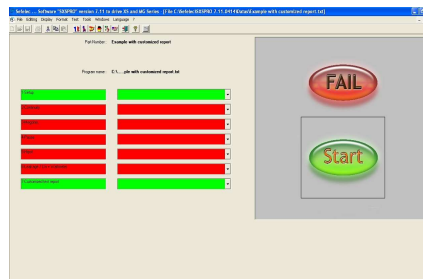
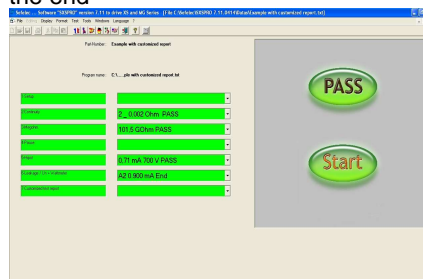


## TEST WINDOW

- You can follow on the screen the different steps of the program during the test



- The PASS/FAIL result is displayed at the end



- Serial number can be entered manually thanks to a bar code reader or the keyboard, automatically incremented or generated under a preprogrammed format for traceability and mass production (see lot management option)



## TEST REPORT

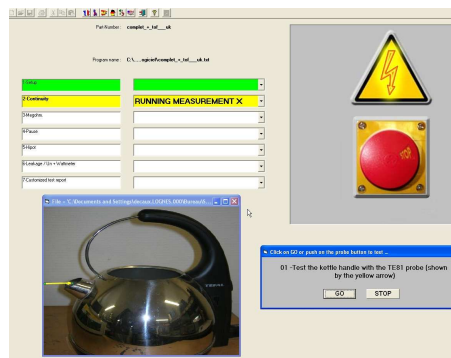
- At the end of the test, results can be transferred to a database (MS Access, SQL) or a report can be generated in Word or Excel format for traceability and reporting

- Test results in Excel file

Serial_n	Date	Time	File_name	Operator_N	Result_G	Instrument	Instrument_In
12345	09/11/2009	14:22:15	Example writ	(SIMULATIO	PASS	unknown	unknown
13579	09/11/2009	14:23:27	Example writ	(SIMULATIO	PASS	unknown	unknown
22222	09/11/2009	14:23:56	Example writ	(SIMULATIO	PASS	unknown	unknown
33333	09/11/2009	14:24:28	Example writ	(SIMULATIO	PASS	unknown	unknown

## POP-UP WINDOWS

- During the test the software can display some indications by pop-up windows with text (that can be organized anywhere on the test window), pictures or sounds in order to guide the user, asking for user intervention or alert him on a possible risk (i.e. high voltage)



- Customized test report in Word

**Test Report**

Program name: Example with customized report  
 Date: 09/11/2009  
 Serial number: none  
 Operator name: (SIMULATION)

Test Equipment: SXS500 & FNS501

**1 Continuity test**

Voltage	Current	Test point number	Max. resistance	Min. resistance	Test time
123 V	25 A EFF	2	100 mOhm	0 mOhm	10 s

Test Results	Point1	0.001 Ohm
	Point 2	0.002 Ohm
	Point 3	0 Ohm
	Point 4	0 Ohm
<b>Final result</b>	<b>PASS</b>	

**2 Insulation test**

Voltage	Max. resistance	Min. resistance	Test time
500 V	200000 MOhm	200 MOhm	5 s

## SECURITY ASPECT

### SELFTEST

If selftest (test that validates the test instrument is working ok) is considered as compulsory by the supervisor, then there is no possibility to start the test without it has been done and passed

### SECURITY LOOP

All along the test sequence, there is permanent monitoring in real time of the double safety loop of the test instrument. If it opens then test stops and the below message appears

### SIMULATION MODE

In order nobody can do the test in simulation mode telling he was in real mode, the simulation mode is always indicated on screen and in all generated reports or result savings



## COMPATIBILITY

SxsPRO can work with previous equipment series (list below)

### MG series

- RMG50, RMG500, DMG50, DMG500, SMG50, SMG500, FMG500, FMG501

### XS Series

- RXS50/56, RXS500/506, DXS50/56, DXS500/506, SXS50/56, SXS500/506, FXS501, MXS1000, CXS40

### EXS switching matrix

- EXS3200-HV, EXS3200-HC, EXS3200-HV-HC

## REQUIRED HARDWARE

### POSSIBLE INTERFACES

#### RS232 interface

- One available serial port
- RS232 cable is provided

#### GPIB interface

- National Instruments GPIB interface card
- GPIB connection cables

#### Ethernet interface

- Only an ethernet port is needed

#### PC requirement

- works under Microsoft Windows 95/98/NT4 SP6a/2000/XP, Seven

## SOFTWARE UPDATES & SUPPORT

### Free updates

On our web site, free updates are available through your login and password customized access

### International support

For any support during installation or programming, get in touch with our international hot line at + 33 1 64 11 83 49



Leader in the field of safety tester and cable tester ...

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PRODUCTS

- SAFETY TESTER
- HPDT TESTER
- ELECTROMETER
- MEGOMETER
- WIGOHMMETER & WIGOHMMETER
- CABLE TESTER
- ACCESSORIES & STANDARD RESISTORS
- OTHER
- REQUEST FOR QUOTATION

**ELECTRIC STRENGTH TESTER 80366**

Reference : R3558

**Product description** : Designed as well for laboratories as for production lines, the XS Series in our new Electrical Safety Tester generation.

**Characteristics** : faster, better, based on new technologies, the XS Series can offer advanced features such as optimized accessory management, Ethernet interface, remote tests, and industrial interface.

**Product details** :

- Test up to 5 kV AC / 10 mA nominal current / 10 mA short circuit current
- HPDT up to 8 kV DC / 4 mA nominal current / 8 mA short circuit current
- Full automatic testing
- Standard RS232, optional IEEE485-2, Ethernet, or PLC
- SCPI/SCPI multi-language front
- Easy to use and user friendly interface

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