

QA-ES Plug-In Read Me



Ansurs QA-ES Plug-In is a product facilitating automatic test and inspection with the use of the QA-ES Electrosurgical Analyzer.

Introduction

This read me file contains last minute information for Fluke Biomedical's Ansur QA-ES Plug-In.

Translating help files

The QA-ES plug-in is packaged with a set of HTML help files that are displayed in the Test Guide window. The help files provided with the installation are English. They are stored in the directory <ansur>\Language\QA-ES\English\, where <ansur> is the directory where you installed Fluke Biomedical ansur (normally C:\Program files\Fluke\ansur).

In order to translate these HTML help files to another language perform the following procedure:

1. Copy the 'English' directory to a new directory under ...\Language\QA-ES and name it similar to the new language you are creating, e.g. "Francais".
2. Translate all the HTML files (*.htm) found in the new directory.
3. Create a new language file for the QA-ES plug-in (this is found in the language directory). Make sure that the first line in the new language file reads Francais::QA-ES::1.1.0. It is important that the first word is the same as the name of you new HTML help directory.
4. Name this file "Francais (QAES).Ing".
5. Ensure that there exists a language file for ansur with the new language as well "Francais (ansur).Ing". If this file is not present, you will not be able to select the new language created in step 1 through 3.

History

This chapter describes the changes made between each new released version.

Release 1.4.5

- Plug-in works with Laptop + Docking station.

Release 1.4.4

- Fixed the RECM Alarm test.
- The Output Test now accepts only the valid Load setting value.
- Updated the Ansur QA-ES User Manual.

Release 1.4.3

- Fixed the Power distribution test.

Release 1.4.2

- Changed the limit calculation formula for H.F. Leakage Test.

Release 1.4.1

- Recompiled with the new version of a component compatible to windows Vista.
- Fixed bug where Test guide was not able to open from a template saved where all the rows in expected results were deleted.
- Fixed bug where Test result was reported as Test fail even if values were within the limits.

Release 1.4.0

- Upgraded the test guide to support the new test guide toolbar introduced with Ansur V2.4.
- The plug-in now supports COM ports with a port number greater than 16.

Release 1.3.0

- Altered names and graphics for Fluke version.

Release 1.2.2

- Fixed a problem where result data was printed in the wrong columns on the report.
- Added french language file and french help files.

Release 1.2.1

- User may now press the 'Y' or 'N' keys when prompted for confirmation to quit a test
- User-defined comments entered in the test guide are now properly handled.

- Test Guide's 'Action key' changed from <Enter> to <F9> in order to conform to ansur V2.0 standards
- Added detailed result view which displays user-defined comments if applicable.

Release 1.2.0

- Implemented support for new limit features introduced in ansur V2.2. This will ensure that QA-ES limits are properly displayed in ansur's test record window.

Release 1.1.3

- Altered communication features so that it supports the Edgeport/1 USB converter.
- Fixed problem where a measurement was performed even if cancelled in the setup info window.
- Upgraded test guide to work with new position features implemented in ansur V2.1. The test guide can now be minimized and maximized. It can also be displayed in the task bar.
- Added support for window termination to avoid crash on exit.
- Decreased communication time out to allow faster Scan Ports.

Release 1.1.2

- Y axis corrected for all report performance graphs.
- Any delay over 1 second will not cause a measurement failure.
- Configuration prompt expanded for French text.

Release 1.1.1

- 'Load distribution test' renamed to 'Power distribution test'
- Current load setting is displayed in Test Guide while running an RECM test
- 'Load' and 'Delay' input boxes in Custom Setup are now refreshed when they lose focus. Bounds-checking is however done as the values are entered.

Release 1.1.0

- Added support for ansur V2.
- HF Leakage Test limits are now calculated from the formula $I = \frac{O((x\% * P) / R)}$. This only applies when limits are entered as a percentage (i.e. unit = %).
- ESU Type was removed from Load Distribution Test and Power Distribution Test.
- Improved layout of Test Details window displayed when a test is performed.
- Fixed bug where crest factor was not received correctly.
- Failed measurements are now indicated with a cross in the Fail column on the report.
- It is no longer possible to enter test details that are outside the MTI's valid range.
- Default load in HF Leakage Test changed to 200 Ohms.
- Default delay settings increased to 500ms.
- Altered Test details in Custom Setup so that Level Entry may be entered as a Level Setting (L) or a Power Setting (W). Mode column was put in front.
- When adding new measurements in Custom Setup, all previously entered parameteres are copied.
- Renamed REM Alarm Test to RECM Alarm Test. Power Distribution Test was renamed to Output Test.

Release 1.0.2

- All test detail tables (custom setup) updated to that new entries are added below the selected entry.
- Incomplete entries are now displayed with a gray background and indicated with a red exclamation mark in custom setup.
- Test results in the test guide are now scrolling so that the currently executed measurement are always visible.
- Communication updated so that Crest Factor is correctly received from the QA-ES.

Release 1.0.1

- Version 1.0.1 is the first official release of the QA-ES plug-in.

Language Changes

This chapter describes the changes made to the language file in each new version. The list includes only versions where the language file was changed.

Release 1.1.1

- Changed 20014 to "Load Distribution Test"
- Changed 20015 to "QA-ES Load Distribution Test"

Release 1.1.0

- Altered test names (ID 20010 - 20019).
- Entered new texts for custom setup (ID 20136 and 20137)
- New Test Details messages added at 20209 and 20210.
- Unit included as a macro (%%1) in 20261 and 20262.
- 29011: New error message.

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