Agilent ICP Expert Software Release Notes

Release Notes for Agilent ICP Expert Version 7.4.0

These release notes are applicable to ICP Expert 7.4.0 Base, Pro Feature Pack, and CFR software

Firmware version: 3562

Operating systems supported: Microsoft Windows 7 Professional and Enterprise SP1 64-bit and Microsoft Windows 10 Professional 64-bit

Instruments supported: Agilent 5100/5110 SVDV ICP-OES, Agilent 5100/5110 VDV ICP-OES and the Agilent 5100/5110 RV ICP-OES

NOTE The Agilent 700 Series ICP-OES is not supported using ICP Expert 7.4.0

For the latest information please read the Agilent ICP Expert Software Status Bulletin document supplied with your software.

This software must be registered after installation. Please note that you have up to 60 days to register your software. The registration process is free and simple, but you will be prompted to register the software each time you run the application until this has been completed.

Agilent ICP Expert Base, Pro Feature Pack and CFR software have been validated on the Agilent 5100/5110 SVDV ICP-OES, Agilent 5100/5110 VDV ICP-OES and the Agilent 5100/5110 RV ICP-OES instruments. The ICP Expert Base, Pro Feature Pack and CFR software have been validated using the HP Model Z240 PC with Windows Users who are members of the Administrator Group and Users Group.

Software changes

Version 7.4

The following new features were added:

- Custom Replicates enables different replicates for each solution type. i.e. standards, samples and QC's.

- Multiple Blanks

- Exclude blank from calibration.

- For the first point on a calibration model, you can now use "Blank" emission, "Force Through Origin" or "None".

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- ICH Q3D and USP <232/233> specific QC solutions and tests. Display on analysis page makes it simple to see if a USP/ICH QC has passed or failed.

- ICH Q3D and USP <232/233> specific reporting for easier identification of a failed element.

- Expanded QC types including "All Sample QC". An example use case is monitoring %RSD on samples.

- Custom Rack editor to enable non standard autosampler racks to be configured then used on any supported autosampler.

- Include calibration solutions, IEC's, QC and sample solutions into any rack on autosampler and be able to lock solutions in autosampler sequence.

- Intelligent Rinse will monitor the rinse and enable the autosampler to automatically move to the next sample once the desired washout of previous sample is achieved. There are 3 different washout settings to choose from.

- Many changes to instrument preferences so new worksheets have desired default starting conditions.

- Ability to change autosampler rack orientation to match how sampler is used in a users laboratory

- 6 additional solution information fields added to the sequence page to enable greater amount of sample ID detail to be included into the worksheet.

- Enable Polychromater Boost on instrument connection

- Ability to extinguish plasma on inactivity

- Ability to park the autosampler at end of run

- Integrated the control of ESI prepFAST™ Autodilutor to enable multi point calibration from a single stock standard, reactive over-range dilution and prescriptive dilution.

- Support for Cetac ASX 860 / EXR-8 autosamplers

- Integrated the control of IsoMist™ Programmable Temperature Spray Chamber accessory

- IntelliQuant now gives the function of setting color based threshold concentrations per element

- Include SVDV as a viewing option with Condition Sets.

- Increased the number of Condition Sets from four to eight.

- Updated ICP Expert Help and ICP Expert eFam DVD content

- Performance improvements

- Defect fixes

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