Computer Specifications
Guidance for iC Software

This document is intended to help users select an appropriate computer to run iC Software.

Please take the time to read through this brief guidance document. For any questions, please contact iC software support at iC@mt.com or your local METTLER TOLEDO representative.

1 Minimum Requirements

The minimum computer requirements to run iC software differ by product and version. Please check the Installation Guide delivered with your software to the specific specifications for your product.

Each version is tested on a machine meeting the minimum specifications to ensure the software will install and run correctly, but this does not guarantee reasonable performance, particularly when running longer experiments that collect more data. Higher performance processors are recommended to provide the best user experience, as specified in the following section.

2 Recommendations for Peak Performance

The specifications for laptop computers that we currently ship with new instruments are included below. This setup has been tested with several instruments connected at one time and performs well. This laptop or a similar high-end model is a good choice for almost any application using iC software – except for iC Vision which has special graphics and performance needs (see the iC Vision Installation Guide for details).

Characteristics	Shipped (Dell Mobile Precision 7760)
CPU	Intel Core i7-11850H, 2.50 GHz to 4.80 GHz, 24 MB Cache
Memory	32 GB, 2 x 16 GB, DDR4, 3200MHz
Hard Drive	512 GB Solid State Drive
Graphics	17.3 inch UHD display, NVIDIA RTX A4000 w/8 GB GDDR6

It is important to note that the processor type is often more important than the CPU speed when considering performance.

Note on Ports: Ensure that the computer includes an Ethernet port if connecting any EasyMax, OptiMax, RC1mx, RX-10 or ReactRaman instruments and has at least one USB type A port available for each ReactIR 700, EasyViewer and ParticleTrack instrument that will be connected.

3 Operating System Support

The operating systems supported depend on the exact software product version and the instrument model being controlled. The most recent versions are included on the next page and a full list of all versions and instruments can be found at https://community.autochem.mt.com/ic-comp-tables.

Product/Version	Microsoft® Windows® 7, 32-bit	Microsoft® Windows® 7, 64-bit	Microsoft® Windows® 8.1	Microsoft® Windows® 10	Microsoft® Windows® 11
iC IR 7.2	✖	✖	✖	✓	✓
iC IR 7.0 / 7.1	✖	✓	✓	✓	✖
iC IR 4.3 ReactIR 45P systems only	✓	✓	✖	✓*	✖
iC FBRM 4.4	✓	✓	✓	✓*	✓**
iC Vision 8.1	✖	✖	✖	✓	✓
iC Vision 8.0	✖	✖	✓	✓	✖
iC PVM 7.0 SP	✓	✓	✓	✓ (only for PVM V19)	✖
iC Raman 8.0	✖	✖	✖	✓	✓
iC Raman 7.1	✖	✓	✓	✓	✖
iControl 6.2 EasyMax/OptiMax/RX-10/RC1mx	✖	✖	✖	✓	✓
iControl 6.1 EasyMax/OptiMax/RX-10/RC1mx	✖	✖	✓	✓	✖
iControl RC1e 5.6	✓	✓	✓	✓	✓**

* iC FBRM 4.4/iC IR 4.3 may require installing a Hotfix or Service Pack to work on some Microsoft Windows 10 computers

** Note: These versions were released before Microsoft Windows 11 was available so the documentation included with the installer kits only lists Microsoft Windows 10. These versions have since been tested and are now considered supported on Microsoft Windows 11 by METTLER TOLEDO.

4 Other Required/Recommended Software

Adobe Reader: In order to easily read the documentation portfolios and PDF files that are delivered with iC Software, it is recommended that the latest version of Adobe Acrobat reader is installed (go to http://get.adobe.com/reader/ to get the installer).

Microsoft® Office: iC software allows users to generate reports using Microsoft® Word® and import and export data from Microsoft® Excel®. To use these functions, Microsoft® Office 2003 or later must be available on the iC PC. Note that if you intend to use the iC Data Share Excel Add-in, then you need Office 2007 or newer.

Microsoft® Windows® Media Player: For iControl software, the computer should have the latest Microsoft® Windows® Media Player installer in order to view the Mixing Guidelines or Tutorial Videos (go to http://windows.microsoft.com/en-US/windows/downloads/windows-media-player to get the installer).