

IQecg[®], IQholter[®], IQvitals[®] Zone[™] and Midmark Digital Vital Signs Device

Software versions:

- IQecg v10.0.6
- IQholter/EX/EP v10.0.6
- IQvitals v11.0.9 (*Digital Vital Signs Device and IQvitals Zone*)

*Operating Systems	Windows [®] 10, Professional and Enterprise, 32-bit and 64-bit Windows [®] 8.1, Professional and Enterprise, 32-bit and 64-bit
Hardware Requirements	Windows [®] compatible personal computer.
CPU	Intel [®] Core [™] 2 Duo Processor E8400 (2M Cache, 3.00GHz, 800MHz FSB) (x86) or 64-bit (x64) processor or faster.
Disk	2GB of free disk space or greater.
Memory	Minimum 4 GB of system memory.
Input/Output Ports Per Device	One (1) USB port*: The above computer port is required for new ECG and spirometry test acquisitions. It is not required to review and/or edit test data. *For IQholter - a flash card reader is required for new test downloads only. It is not required to review and/or edit test data. Additional USB ports as needed for keyboard, mouse, printer, flash card reader, etc.
Pointing Device	Windows [®] compatible mouse.
Keyboard	Windows [®] compatible keyboard.
Display	1024x768 or higher resolutions for the real time acquisition screen. 16-bit color. Wide-screen (1680x1050) is highly recommended.
Printer	Microsoft Windows [®] compatible inkjet or laser printer.
Surge Protector	One (1) hospital grade power surge protector for the computer system.

Note:

The above is the minimum computer requirement specification for operating the Midmark products stated. A faster CPU, additional hardware and/or more memory may be needed, depending on the IT environment.

*The Operating System is a hard requirement. Installing or operating above Midmark Software Product in Windows Operating Systems other than those listed are not recommended or supported.

Midmark Digital Spirometer

Software versions:

- Midmark Digital Spirometer v 11.0.1

*Operating Systems	Windows® 10, Professional and Enterprise, 32-bit and 64-bit Windows® 8.1, Professional and Enterprise, 32-bit and 64-bit
Hardware Requirements	Windows® compatible personal computer.
CPU	Intel® Core™ 2 Duo Processor E8400 (2M Cache, 3.00GHz, 800MHz FSB) (x86) or 64-bit (x64) processor or faster.
Disk	2GB of free disk space or greater.
Memory	Minimum 4GB of system memory.
Input/Output Ports Per Device	One (1) USB port* The above computer port is required for new spirometry test acquisitions. It is not required to review and/or edit test data. Additional USB ports as needed for keyboard, mouse, printer, flash card reader, etc.
Pointing Device	Windows® compatible mouse.
Keyboard	Windows® compatible keyboard.
Display	1024x768 or higher resolutions for the real time acquisition screen. 16-bit color. Wide-screen (1680x1050) is highly recommended.
Printer	Microsoft Windows® compatible inkjet or laser printer.
Surge Protector	One (1) hospital grade power surge protector for the computer system.

Note:

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IQmanager

Software versions:

- Midmark IQmanager v10.1.2

*Operating Systems	Windows® 10, and 8.1 (Professional and Enterprise, 32-bit and 64-bit) Windows® Server 2012, 2012 R2, 2016
Software Requirements	Microsoft .NET Framework 4.6.2 (included with installer) C++ Redistributable 2019 (included with installer)
Database	Microsoft SQL Server 2014 (SQL Express 2014 is included with installer) 4GB or Greater
Hardware Requirements	Windows® compatible personal computer.
CPU	Intel® Core™ 2 Duo Processor E8400 (2M Cache, 3.00GHz, 800MHz FSB) (x86) or 64-bit (x64) processor or faster.
Disk	2GB of free disk space or greater.
Memory	Minimum 4 GB of system memory.
Input/Output Ports Per Device	One (1) USB port*: The above computer port is required for new ECG and
Pointing Device	Windows® compatible mouse.
Keyboard	Windows® compatible keyboard.
Display	1024x768 or higher resolutions for the real time acquisition screen. 16-bit color. Wide-screen (1680x1050) is highly recommended.
Printer	Microsoft Windows® compatible inkjet or laser printer.
Surge Protector	One (1) hospital grade power surge protector for the computer system.

Note:

The above is the minimum computer requirement specification for operating the Midmark products stated. A faster CPU, additional hardware and/or more memory may be needed, depending on the IT environment.

Minimum Computer/System Requirements



Midmark diagnostic devices may have additional computer hardware requirements. Please refer to the operation manual or other sections of this document for the specific Midmark device.

*The Operating System is a hard requirement. Installing or operating above Midmark Software Product in Windows Operating Systems other than those listed are not recommended or supported.

Midmark Connect for Cerner

Software versions:

- Midmark Connect for Cerner v10.1

Server Requirements	
Hardware Requirements	Intel® Core™ 2 Duo Processor E8400 (2M Cache, 3.00GHz, 800MHz FSB) (x86) or 64-bit (x64) processor or faster. Minimum 8 GB of system memory.
*Operating Systems	Windows® Server 2012, 2012 R2, 2016
Software Requirements	IIS 7.5 or higher, .NET Core 2.1.16.
Database	Microsoft SQL Server 2012, 2014 or 2016 Standard Edition 10 GB Database or greater
Client Requirements	
*Operating Systems	Windows® 10 and 8.1 (Professional and Enterprise, 32-bit and 64-bit) Windows® Server 2012, 2012 R2, 2016
Software Requirements	Microsoft .NET Framework 4.6.2
HL7 Interface Engine Requirement	
Mirth	Mirth Connect V3.8.1 or higher
Qvera	QIE Standard V4.0.47 or higher

Note:

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Midmark diagnostic devices may have additional computer hardware requirements. Please refer to the operation manual or other sections of this document for the specific Midmark device.

*The Operating System is a hard requirement. Installing or operating above Midmark Software Product in Windows Operating Systems other than those listed are not recommended or supported.

IQiA

Software versions:

- IQiA v 10.0.4

Server Requirements	
Hardware Requirements	Intel® Core™ 2 Duo Processor E8400 (2M Cache, 3.00GHz, 800MHz FSB) (x86) or 64-bit (x64) processor or faster. Minimum 8 GB of system memory.
*Operating Systems	Windows® Server 2012, 2012 R2, 2016
Software Requirements	IIS 7.0 or higher, .NET framework 4.6.2.
Database	SQL Server 2012, or SQL Server 2014. 10 GB Database or greater.
Client Requirement	
*Operating Systems	Windows® 10, and 8.1. (Professional and Enterprise, 32-bit and 64-bit) Windows® Server 2012, 2012 R2, 2016.
Software Requirements	Windows® Internet Explorer (IE) 9.0 or higher, .NET framework 2.0 and 4.6.2, Allscripts™ TouchWorks® EHR Client software.

Note:

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Midmark diagnostic devices may have additional computer hardware requirements. Please refer to the operation manual or other sections of this document for the specific Midmark device.

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IQiC

Software versions:

- IQiC v 10.0.3

*Operating Systems	Windows® 10 and 8.1 (Professional and Enterprise, 32-bit and 64-bit) Windows® Server 2012, 2012 R2 or 2016.
Hardware Requirements	Windows® compatible personal computer.
CPU	Intel® Core™ 2 Duo Processor E8400 (2M Cache, 3.00GHz, 800MHz FSB) (x86) or 64-bit (x64) processor or faster.
Disk	2GB of free disk space or greater.
Memory	Minimum 4 GB of system memory.
Pointing Device	Windows® compatible mouse.
Keyboard	Windows® compatible keyboard.
Display	1024x768 or higher resolutions for the real time acquisition screen. 16-bit color. Wide-screen (1680x1050) is highly recommended.
Optical Drive	N/A

Note:

The above is the minimum computer requirement specification for operating the Midmark products stated. A faster CPU, additional hardware and/or more memory may be needed, depending on the IT environment.

Midmark diagnostic devices may have additional computer hardware requirements. Please refer to the operation manual or other sections of this document for the specific Midmark device.

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IQiE

Software versions:

- IQiE v 10.0.3

*Operating Systems	Windows based PC with Windows® 10, 8.1. Supports both 32 bit and 64 bit Operating Systems. Windows® Server 2012, 2012 R2 or 2016.
Hardware Requirements	Windows® compatible personal computer.
CPU	Intel® Core™ 2 Duo Processor E8400 (2M Cache, 3.00GHz, 800MHz FSB) (x86) or 64-bit (x64) processor or faster.
Disk	2GB of free disk space or greater.
Memory	Minimum 4 GB of system memory.
Pointing Device	Windows® compatible mouse.
Keyboard	Windows® compatible keyboard.
Display	1024x768 or higher resolutions for the real time acquisition screen. 16-bit color. Wide-screen (1680x1050) is highly recommended.
Optical Drive	N/A

Note:

The above is the minimum computer requirement specification for operating the Midmark products stated. A faster CPU, additional hardware and/or more memory may be needed, depending on the IT environment.

Midmark diagnostic devices may have additional computer hardware requirements. Please refer to the operation manual or other sections of this document for the specific Midmark device.

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IQpath®

Software versions:

- IQpath v 3.0.5

Server Requirements	
*Operating Systems	Windows® Server 2012, 2012 R2 ,2016 <i>Service Packs or hot-fixes may be needed.</i>
Software Requirements	Windows Terminal Services Citrix XenApp v 7.6 or later VMware Horizon 7 Connection Server v 7.3.1 or later.
Client Requirement	
*Operating Systems	Windows® 10, Professional and Enterprise, 32-bit and 64-bit Windows® 8.1, Professional and Enterprise, 32-bit and 64-bit
Software Requirements	Microsoft Remote Desktop Connection VMware Horizon Client v. 4.6.1 or later. Citrix Receiver Version v. 14.1 or later.
Hardware Requirements	Desktop PCs (full client), laptops, notebook, tablet computers, or thin client terminals (for IQpath™ the computer needs enough free space to install the required software).
Input/Output Ports Per Device	One Universal Serial Bus (USB) port, or One Communications (COM) port The above computer port is required for new ECG and spirometry test acquisitions. It is not required to review and/or edit test data. IQecg v. 10.0.0 no longer supports Serial devices (COM ports). Additional USB ports as needed for keyboard, mouse, printer, flash card reader, etc.
Network Bandwidth	See 61-78-0001 Thin Client Manual IQpath Com Port Section II-A and II-C for more details.

Midmark Device Hardware	See 61-78-0001 Thin Client Manual IQpath Com Port Section II-A for more details. IQecg v. 10.0.0 no longer supports Serial devices (COM ports).
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Midmark diagnostic devices may have additional computer hardware requirements. Please refer to the operation manual or other sections of this document for the specific Midmark device.

Since network structure, topology and platforms differ between thin client deployments, the following requirements may vary slightly. Midmark strongly recommends setting up a validated pilot project in a lab-environment before deploying in a production setting.

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Midmark Corporation
690 Knox Street, Suite 100
Torrance, California 90502 USA
1.844.856.1230, option 2
Fax 310.530.1421
midmark.com