TECHNICAL BULLETIN
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Subject: **Minimum Computer Requirements for MANTECH Software**

All MANTECH software requires Regional Settings set to United States English.

Minimum computer specifications for PC-Titrate and PC-BOD software:

Type	Desktop
OS	Windows 7 Professional, 64-Bit Windows 10 Professional, 64-Bit
CPU	Intel Core i3 or equivalent
RAM	4 GB
HDD / SSD	250 GB
Graphics Card Resolution	1280 x 1024
OS Regional Settings	U.S. English
USB Ports	4 or more (system configuration depending) or use of USB hub for mouse and keyboard (and other non- system hardware components)
9-Pin Serial Ports	1- or 2-Port USB to Serial adapter (system depending), must be TrippLite brand, 2-Port adapter must have COM retention (*MANTECH part numbers: 1-Port PC-1250, 2-Port: PC-1206*) Computers with built-in serial ports are acceptable for cases where a customer is upgrading an existing system computer. Ports on new computer must match previous setup.
Ethernet Port	Minimum of 1 – reserved for AutoMax300 Series (or additional USB port for Ethernet adapter)
Peripherals	Keyboard Mouse HDMI compatible monitor

Minimum computer specifications for PeCOD Pro software for control of bench-top PeCOD:

Type	Laptop
OS	Windows 7, 64-Bit
	Windows 10, 64-Bit
CPU	Intel Celeron or equivalent
RAM	4 GB
HDD / SSD	32 GB
Graphics Card Resolution	1024 x 768
OS Regional Settings	U.S. English
USB Ports	2 or more

Note: MANTECH cannot guarantee use of PC-Titrate, PC-BOD and PeCOD Pro software with other programs or instruments installed on the system computer. All anti-virus programs, network connections, and additional instrument software packages function differently and, while steps are taken during the installation process to help minimize the risk of negative interactions between these software packages and the MANTECH software, it is not possible to test all other programs for possible conflicts. Power settings must be configured so the hard drive of the computer does not power down automatically at any time, or auto update. It is also recommended that network settings be configured so that information or patches which may alter settings on the computer are not installed automatically, to minimize the risk of damage to the database from these alterations. If your system requires technical support and additional programs are installed on the computer, you may be asked to uninstall those packages to determine if they are causing conflicts with the MANTECH software. Also note that administrative privileges are required to operate MANTECH software.

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