

SOP 242/06	winCATS Environment Specification	
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History:    Created by:    JM                    Date: 01. September 2008 Replaces: SOP 242/05                    Date: 30. April 2008 Reviewed by:    AG                    Date: 01. September 2008 Approved by QC:    JB                    Date: 02. September 2008		

Purpose of this document: To ensure that all key aspects of the installation adhere to the manufacturer's recommendations, codes, safety parameters and design parameters.

Responsibility: Customer or CAMAG Approved Product Specialist or Service Engineer.

## 1 Introduction

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This document describes the laboratory environment necessary for the winCATS software, which has to be available at installation to ensure reliable operation of this software. The place of the PC should be next to the instruments controlled by winCATS. Please consult the manual of your PC for the correct environmental specifications.

## 2 PC minimum specifications

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The following minimum configuration is valid for all devices with winCATS.

<b>Processor</b>	Pentium, 2 GHz or faster
<b>Installation Drive</b>	CD ROM
<b>Communication ports</b>	1x RS232 for each instrument to be connected to the same PC, UBS to RS232 adapter (if additional COM-ports are required). 1x USB per USB device. With DigiStore 2: 1x 1394a FireWire® (6-pin connector) or 1x 1394 FireWire® (4-pin input with external power adapter and 6-pin output). With TLC Visualizer: 1x 1394a FireWire® (6-pin connector) or 1x 1394 FireWire® (4-pin input with external power adapter and 6-pin output).
<b>Operating system</b>	Windows XP with Service Pack 2
<b>Memory (RAM)</b>	At least 512 Mbytes With DigiStore 2 or TLC Visualizer: 1 GByte

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<b>Color graphic adapter and monitor resolution</b>	Graphics adapter with at least 64 Mbytes True color 32 bit resolution 1280 x 1024 pixels
<b>Screen color support</b>	Optimal color display is only supported by CRT monitors or high-end TFT screens
<b>Hard disk</b>	winCATS needs about 240 MByte of disk space plus data files.
<b>Mouse</b>	Any mouse supported by OS
<b>System printer (optional)</b>	Any laser or inkjet printer supported by OS

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**History:**

Version 6: *(01. September 2008)*

- SOP Header – “Reviewed by” added
- Required Hard disk space 75 MByte changed to 240 MByte

Version 5: *(30 April 2008)*

- new formatting with Arial font
- Communication ports for TLC Visualizer added
- History now a fixed part of the document

Version 4: *(18 May 2006)*

- PC specs revised, HVC-20 removed
- OS only XP-SP2 supported

Version 3: *(18 August 2005)*

- New computer specs
- NT4 removed since no longer supported

Version 2: *(16 July 2004)*

- XP & NT4 specs added

Version 1 *(10 December 2003)*

- New for winCATS