



PETraTM
PET LIMS Software



Considerations

The requirements specification details the initial requirements for the target platform i.e. the user's choice of system and interface.

PETra is a 32-bit Windows application. The supported operating systems are:

- Windows Vista (32-bit or 64-bit)
- Windows 7 (32-bit or 64-bit)
- Windows 8/8.1 (32-bit or 64-bit)
- Windows 10 (32-bit or 64-bit)
- Windows Server 2008 (32-bit or 64-bit)
- Windows Server 2012 (32-bit or 64-bit)
- Windows Server 2016 (32-bit or 64-bit)

The minimum hardware requirements are:

Component	Minimum Specification
Processor	Intel Dual Core i5
Hard Disk	10 GB of free space for installation and data (7200 RPM)
Memory	2 GB RAM
Network	100 Mbps
Display	SVGA at 1024 x 768

For improved response times, usability and for use with more complicated instrumentation, we recommend the following specification:

Component	Recommended Specification
Processor	Intel Quad Core i7
OS	Windows 7 or later
Hard Disk	20 GB of free space for installation and data (SSD)
Memory	4 GB RAM
Network	1 Gbps
Display	SVGA at 1280 x 800 or better

PETra requires a database to connect to for purposes of storing product methods, batch data, security access and report templates etc. The database will be Oracle 10/11/12 or Microsoft SQL Server 2008/2012/2014.

Recommended database server requirements for upto 5 installations of PETra:

Component	Recommended Specification
Processor	Intel Xeon
OS	Windows Server 2012 or later
Hard Disk	20 GB of free space for installation and data
Memory	4 GB RAM
Network	1 Gbps
Database	SQL Server 2014 Express

In order to connect to the Microsoft SQL Server database a suitable connection must be made. PETra will connect to the database via Microsoft SQL Native Client.

In order to connect to the Oracle database a suitable connection must be made. PETra will connect to the database via the Oracle Client interface.

Minimum versions of these are:

Software Component	Minimum Version
MS SQL Native Client	10.50 or later
Oracle Client	10.0 or later

For the creation of temporary files (e.g. during print preview), 100 MB of free disk space is required by PETra.

Memory usage by PETra is estimated to be 100-200 MB.