

5. INSTALLING AND RUNNING THE PROGRAMS

5.1 HARDWARE AND SOFTWARE REQUIREMENTS

The QRAM software is burnt on a CD-R.

The computers it will work on have to:

- at least be Pentium III based (the faster the better since 2D computations are time consuming);
- have at least 256 Mbytes of fast memory;
- have at least 2 Gbytes of free space on hard disk where software is installed (excluding the space necessary for the use of a virtual memory by Windows);
- be equipped with Microsoft Excel and VBA.

The display is optimized for 1024 x768 screen definitions. For coarser definitions, some dialog boxes will overlap out of the screen extent.

It is important to note that Microsoft Excel has to be installed with its full VBA capabilities. The macro-commands included in the software package are using a wide range of VBA instructions that will cause failure at each run of the QRA model if VBA is not fully operational.

The software has been developed in order to work on a local computer (no network) equipped with Microsoft Excel 97, VBA 5 and Windows 98 2nd edition.

The software works properly on PC equipped with:

- Excel 2003 with full VBA capabilities and no restrictions using VBA macro-commands;
- 32bits Windows OS up to Windows XP (it may work on more recent Windows OS such as Windows VISTA provided that it is a 32bits system, and that Excel 2003 is operated).

The software does not work on a PC equipped with: a 64bits OS or with a version of Excel that has been delivered after Excel 2003 (Excel 2007, 2010 & 365).