

## Welcome to Tolerance Calculator Rev. 4.0 (TolCal4)

Tolerance Calculator is designed to perform calculations associated with the interpretation of equipment tolerances and other metrological functions such as test uncertainty ratios (TUR), accumulated uncertainties, consumers and producers risk, etc. Tolerance Calculator is intended to provide users with a 'bottom line' method for evaluating equipment specifications using the same nomenclature equipment manufacturers use when advertising their equipment capabilities, i.e. % of Range, parts per million (ppm) of Reading, % of Span, etc.

New for revision 4.0:

- MS 'Excel' and 'Word' added to TolCal4 Reports applications
- System File for routing TolCal4 to application drives and directories
- Optimized for 800 x 600 display with auto resizing for higher resolutions
- Menus replacing most command buttons providing a more 'Windows' like environment
- Quick Print command for printing data without invoking a Windows application
- Remarks Pad for imbedding comments into TolCal4 files
- Scratch Pad for copying / pasting data between TolCal4 files
- Tab Delimited File option
- Update online manual

TolCal4 is typically provided as a self-extracting Zip file. From this directory run the Zip file to extract the following files:

TolCal4.cab  
SETUP.LST  
Setup.exe  
TolCal\_Readme.rtf

Once extracted, run 'Setup.exe' and follow the screen prompts. After TolCal4 has been installed, the TolCal4 Systems File will need to be setup with the paths of the applications that TolCal4 uses e.g. Word, Excel, Write, etc. (follow steps via Read Me command button from System File menu).

NOTE: TolCal4 on-line manual is initially installed in TolCal4 application directory as Tol4\_Manual.rtf. It may be viewed externally to TolCal4 by clicking on it (TolCal4 System file must be set up to view it from within the program).

NOTE: TolCal4 uses a System File (located in the directory TolCal4 was installed), to find data file directories and the Windows applications it uses for reporting results. It is important that these paths be setup via TolCal4's menu 'File --> System File' before attempting to save a data file or assessing a report.