



## Installation Guide

### 1. Introduction

Unigit can be either installed from CD or from our Website <http://www.unigit.com>. Make sure that the version you are selecting is permitted by the acquired hardlock.

For an installation from the internet, it is recommended to download the zip file and unpack it to a local drive first.

Unigit requires a PC with Windows NT, Windows 2000, Windows XP or Vista. It may also run under Windows 7, however this cannot be guaranteed. Please, select the installation file that corresponds to your operating system, e.g. www\_unigit\_v1xxxx\_Vista\_built\_ddmmyy for Vista or W7.

### 2. Installation of the Unigit package

In order to start the installation you have to run the file "SETUP.EXE".

The welcome window appears first. Continue by clicking the **NEXT** button.



After accepting the general recommendations and warnings, the Software License Agreement shows up. You can either accept this agreement by clicking the **YES** button or reject and cancel the installation.



After acceptance, the installation will ask you for the user information. It is not relevant however, you have to fill in something (see example below) in each entry in order to be able to continue the installation.



The continue by clicking the **NEXT** button and the installation wizzard will suggest a destination folder. Feel free to change it by clicking the **BROWSE** button and specifying a different folder. Be aware that Unigit will create several subfolders (see below).



# UNIGIT versatile rigorous grating solver

Once again continue with the **NEXT** button and arrive at the setup type selection window. Since UNIGIT is a very compact software with little hard disc space consumption, it is strongly recommended to stay with the *Typical* choice.



After continuing you can select a program folder. It is strongly recommended not to change and to continue with **NEXT**.



The successful installation is indicated by the window below.

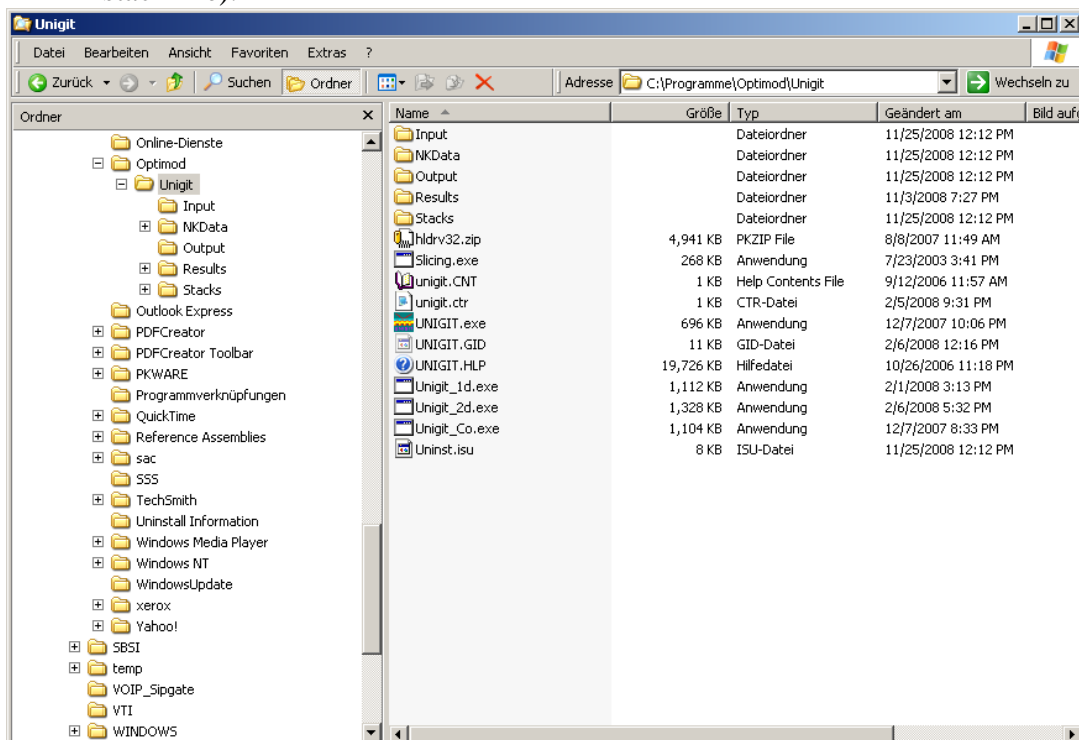
# UNIGIT

versatile rigorous grating solver



Now, we recommend first to check the folder structure in the UNIGIT main folder. It should have about the look shown below. The Unigit installation creates the following subfolders:

- Input (contains the input.txt file which specifies truncation orders, angle of incidence, i.e., theta and phi, wavelength, and polarisation enabling for TE/ TM – only relevant for 1D grating / classical mount)
- NKData (contains examples for .nk data files)
- Output (contains the output.ctr file which specifies the way the data output is done such as orders to output, where to write the output to, digits etc.)
- Results (empty folder, default destination for result file saving)
- Stacks (contains examples for grating stack files, default destination for loading a stack file).



In addition, an UNIGIT icon on your desktop will appear after finishing installation.



### **3. Installation of the Aladdin hardlock driver**

In order to activate your hardlock, you still need to install the hardlock driver. To this end, you need to unzip the file hldr32.zip (which is copied to the Unigit main folder during installation), run hldr32.exe and follow the instructions. In case the driver installation fails, please, download a driver for your operating system from Aladdin (you can find the link in the section “additional files” at the bottom of our download page:

<http://www.unigit.com/downloads.html> ).

### **4. Installation of the MFC.DLL's**

The Unigit GUI is relying on foundation classes which are stored in DLL's. Therefore, it is necessary that the unigit.exe can find the correct DLL on your computer which is either MFC70.DLL or MSVCP70.DLL and MSVCR70.DLL.

The best way to figure out what you need is just to launch unigit by double clicking the UNIGIT desktop icon. When UNIGIT cannot find the required DLL's it will come up with a corresponding error message indicating which DLL is missed. In this case, please copy the required DLL from our website (you can find the DLL's in the section “additional files” at the bottom of our download page: <http://www.unigit.com/downloads.html> ) to the Unigit directory or to another folder (included in the search path).