

MeasureOD® Installation Guide

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I. Introduction

Welcome to the MeasureOD® Software Installation Guide. This manual will provide you instructions on how to install the MeasureOD® Software system. It also provides instructions on the proper connections to be made for a Zumbach ODAC-18XY Laser Micrometer.

- This document assumes that the Software will be loaded on a Windows 7, 8, or 10 platform
- This installation guide applies to MeasureOD®, mDATA®, and mSPECIFY® software programs
- For the purpose of this document, these software variants are referred to as simply the SOFTWARE

II. System Requirements

Following summarizes the basic computer requirements for the SOFTWARE

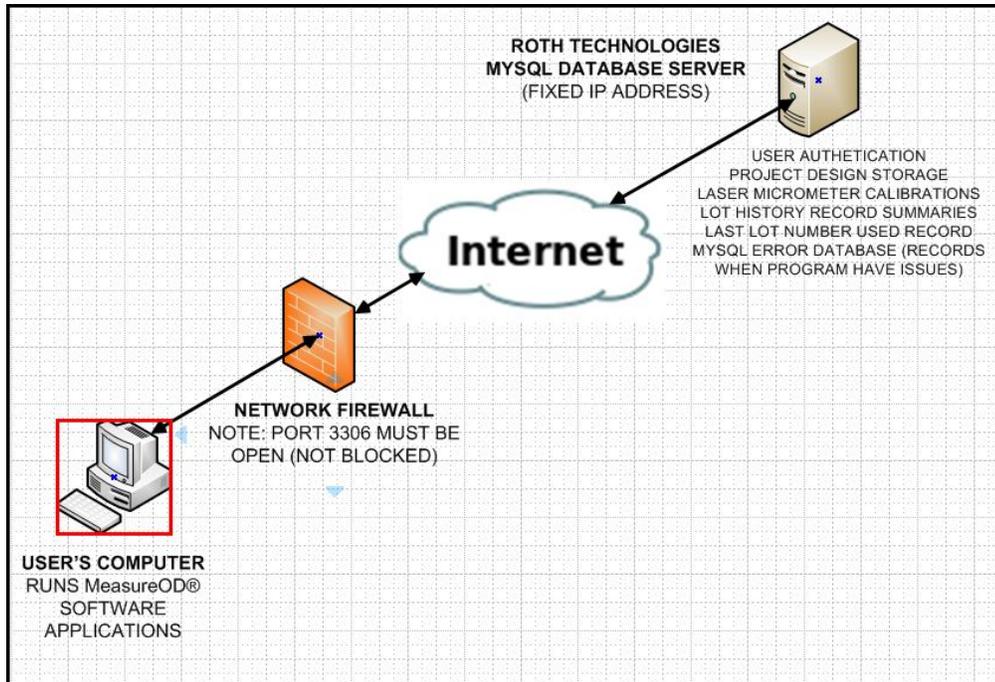
- 1 GHz or faster 32 bit (x86) or 64 bit (x64) Microprocessor with 1 GB RAM (32 bit) or 2 GB RAM (64 bit)
- The program and device drivers physically require less than 10 MB of Hard drive space. That being said -- normal running of the Windows 7/8/10 Operating System requires 1 GB minimum Hard drive space available (32 bit and 64 bit)
 - Windows 7 is the preferred O/S
 - If the Installation is using Windows 10 -- the Windows 10 update function MUST be disabled. Failure to do this may cause the SOFTWARE to not perform properly.

<https://www.wikihow.com/Turn-Off-Automatic-Updates-in-Windows-10>

- Internet Access including the requirement that **Port 3306** be open on the Internet gateway
- Installation of the MySQL ODBC Driver Version 5.X 32 Bit Version
- In order to utilize the software's export utility, the User must have Excel 2003 or later installed. There is no special installation of the SOFTWARE to have this functionality enabled. If Excel is not on the system when the EXPORT function is attempted -- the software will gracefully recover and disable the function.

III. Install the ODBC Driver

The ODBC Driver works as a standard gateway for applications to communicate with Database Servers. The Databases for the SOFTWARE are located on a MySQL server connected to the Internet. This section provides the necessary instructions for installing the ODBC Driver. This driver only needs to be installed ONE TIME per computer.



Obtaining the ODBC Driver

If you are running Windows 7/8/10 – you must install MySQL ODBC Connector, 32 bit version, **not the 64 bit version**. This is true EVEN if you are running the 64 bit version of the Windows 7/8 operating systems. The SOFTWARE was compiled using a 32 bit compiler so the use of the 32 bit MySQL ODBC driver is mandatory.

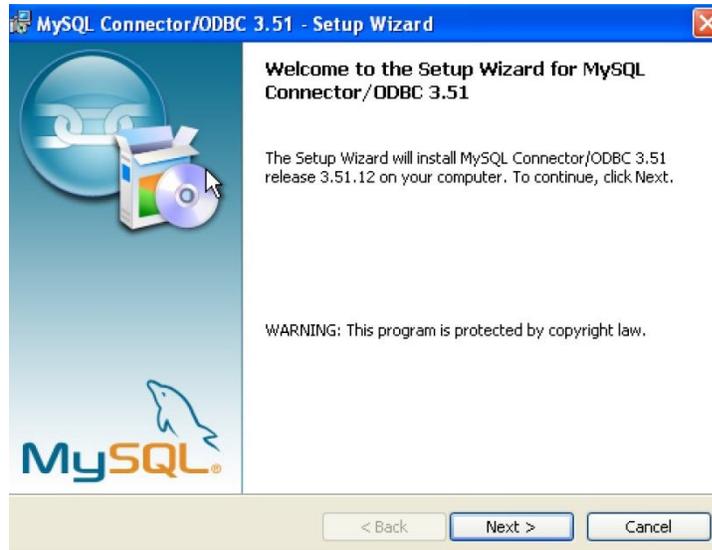
This driver may be obtained from our website at www.cathcad.com. **It is also available on your INSTALL CD or USB stick. You only need to install this driver ONE time.**

This driver is located in the MySQL ODBC directory on the provided Installation CD and/or USB flash drive that was provided to you by Roth Technologies.

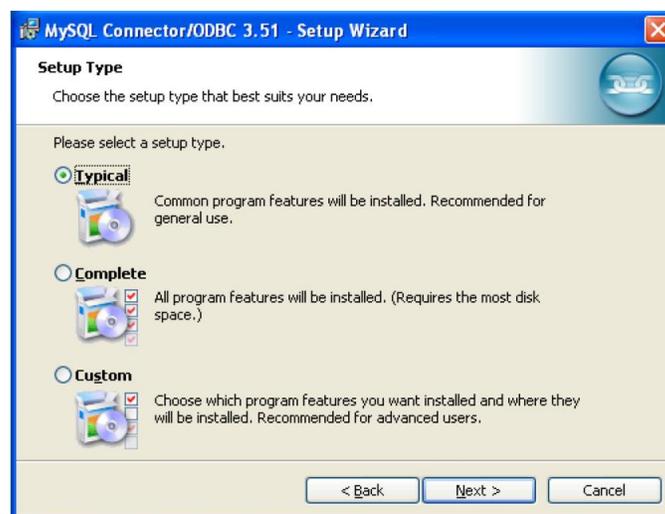
Installing the Windows Connector/ODBC Driver

The following summarizes the actual installation of the ODBC driver onto your computer. Please note that you will require Administration privileges to complete this setup. For the purposes of this procedure, the screen shots show the ODBC 3.51 driver being installed. Installing the ODBC 5.1 driver for Windows 7/8/10 is exactly the same.

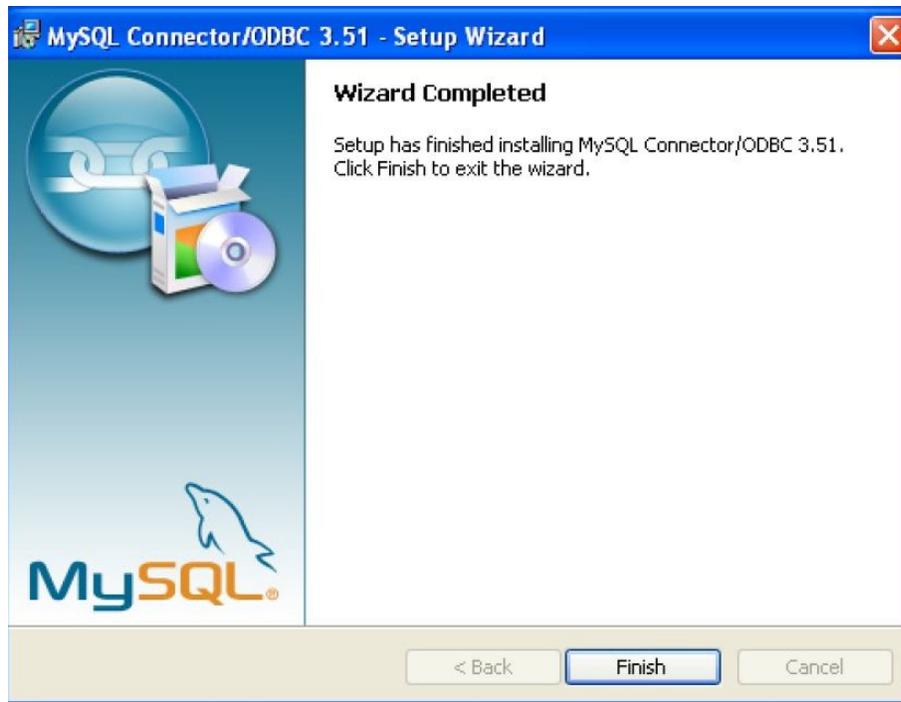
- a. Double click the standalone installer/MSI file
- b. The MySQL Connector/ODBC Setup Wizard starts. Click the **NEXT** button to begin the installation process



- c. Choose the **Typical Installation** type. The Typical Installation provides the standard files needed to connect to a MySQL database. Click **NEXT** to proceed to the next step.



- d. Once the files have been copied to your machine, the installation is complete. Click **FINISH** to exit the installer.



Resolving Installation Issues

Based on previous customer installation issues, two problems have been encountered:

- The MySQL ODBC driver (32 bit version) was not installed.
- The software requires that PORT 3306 is open on your gateway. If you run into this issue, please contact your I/S department to review and correct this issue

The MySQL ODBC driver only needs to be installed ONCE per computer.

IV. Program Installation

The SOFTWARE program requires the use of an installation program. This installation program installs the SOFTWARE program as well as installs any missing DLL files as part of your Windows Operating System. If you are installing an update to the program -- follow this procedure as well as the INSTALLER will automatically update the program on your computer.

1. Install the Installation CD into your CD/DVD player on your computer and/or USB Flash drive into a USB port as provided by Roth Technologies, LLC

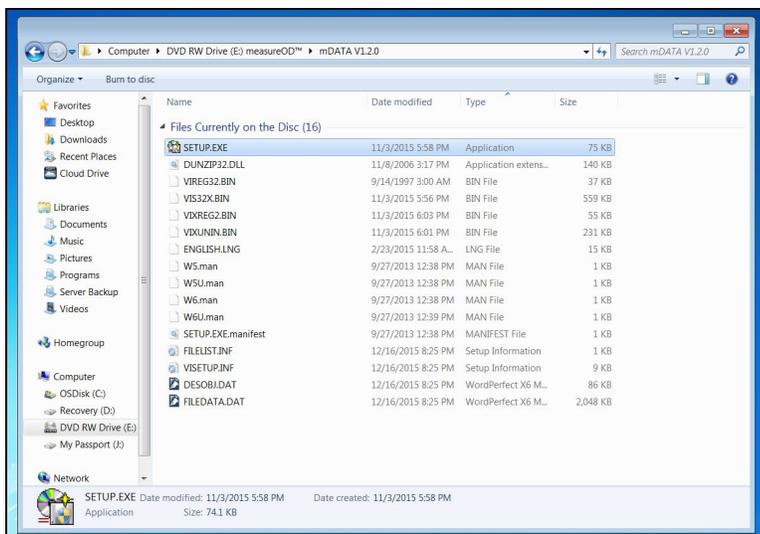
2. Under the file manager, open the applicable directory with the software you wish to install. Not all these directories may be available with a particular Installation CD/USB stick depending on upgrades to the software by Roth Technologies, LLC.

- MeasureOD®
- mSPECIFY®
- mDATA®
- MySQL ODBC driver (see Section III)

NOTES:

- In order to obtain Laser Micrometer readings you must install the MeasureOD® software and the MySQL ODBC driver at a minimum
- mSPECIFY® is an optional utility program and is not required
- mDATA® is an optional utility program and is not required

3. Run the setup program to install MeasureOD®, mSPECIFY®, and/or mDATA® as required. We utilize Visual Installer 2015 as sold by Sam Logic. A confirmation screen will request that you select OK to proceed (not shown on this installation guide).



4. The installation will execute and you are done. The SOFTWARE program ICONS will be installed on your desktop (shortcut), your START menu, and in your program directory.

V. Uninstalling the Program

The software may be uninstalled by CONTROL PANEL/PROGRAMS. Updates to the program (as provided by Roth Technologies, LLC) will automatically overwrite current installations of the program.