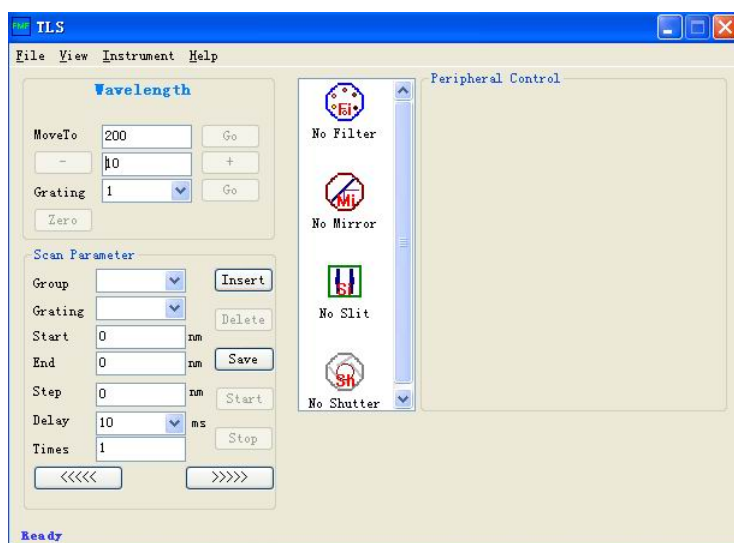


TLS Controlling Software

(Version 2.1.2 2011-12-23)

Operation Manual



Zolix Instruments Co., Ltd.

Thanks for using Zolix products !

Please read this introduction carefully before using. And kindly please contact Zolix office in Beijing or local office if you have any questions and suggestions.

Directory

1.	Description.....	1
2.	Setup Guide.....	2
3.	Operation Guide.....	7
3.1.	Communication.....	7
3.2.	Monochromator Controlling.....	8
3.3.	Scanning parameters setting.....	9

1. Description

TLS is designed for the monochromator adjustment, such as the wavelength, the zero point. Used for the Tunable Light Source ,

Note:

Setup requirement:

Basic requirement: CPU: Pentium 166

Memory: 64M

Display: 800*600

Operating system: Windows98SE

Recommend: CPU: Intel

Memory: 128M

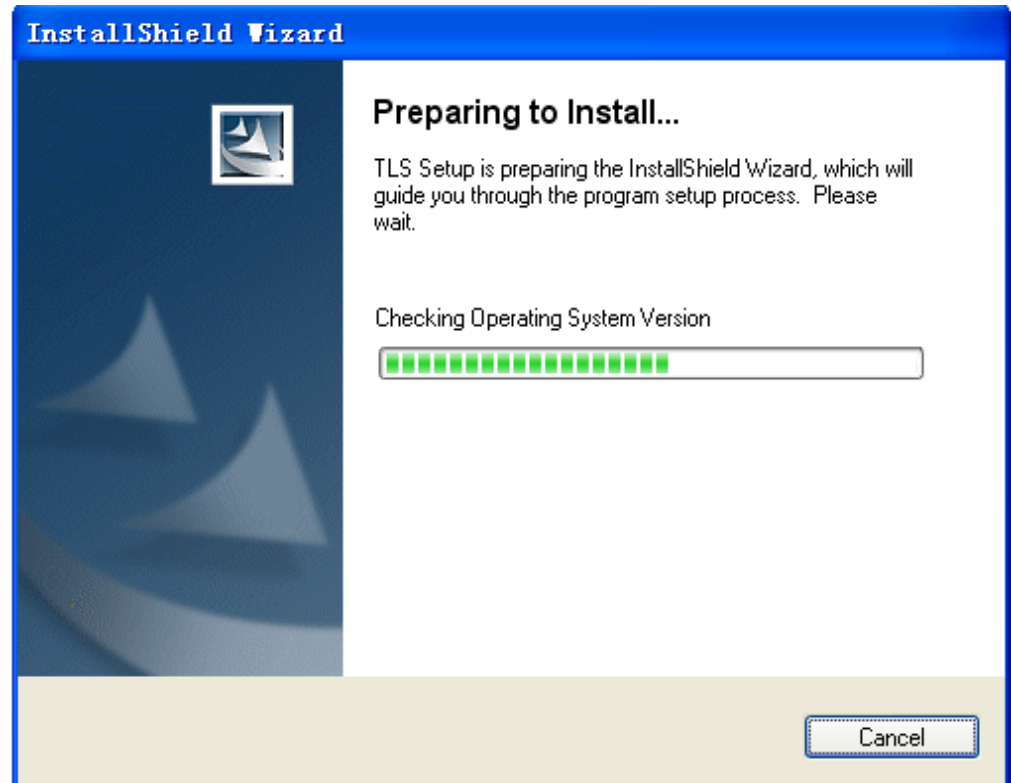
Display: 1024*768

Operating system: Windows2000

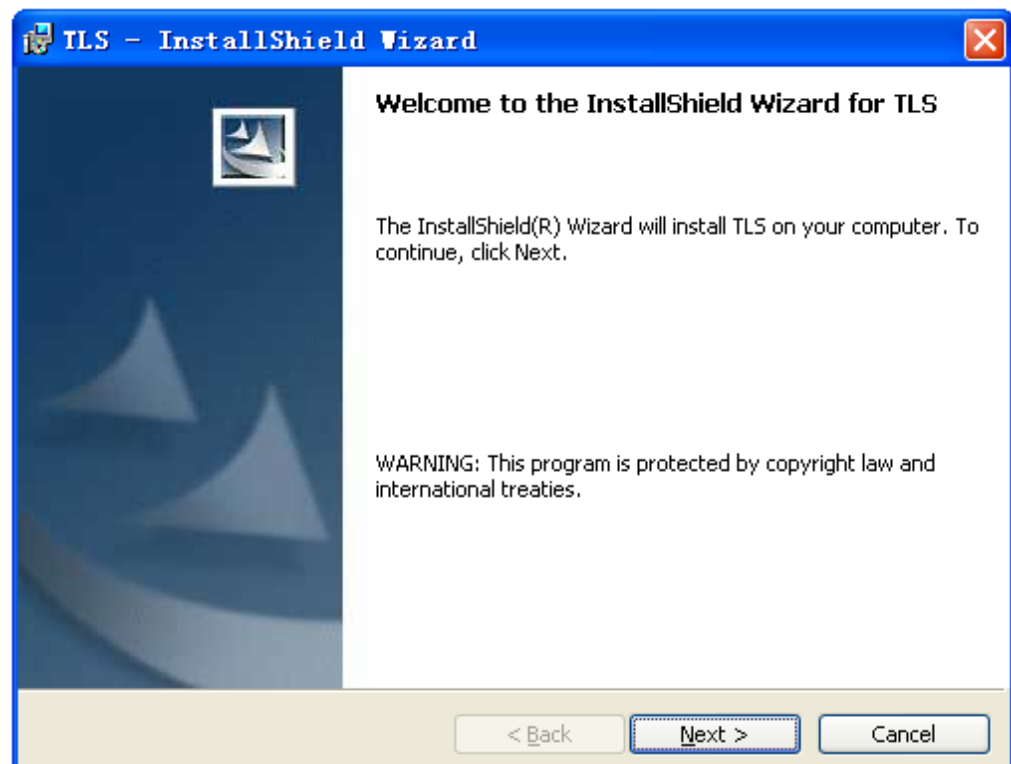
Please select the small character of the operating system for the best display.

2. Setup Guide

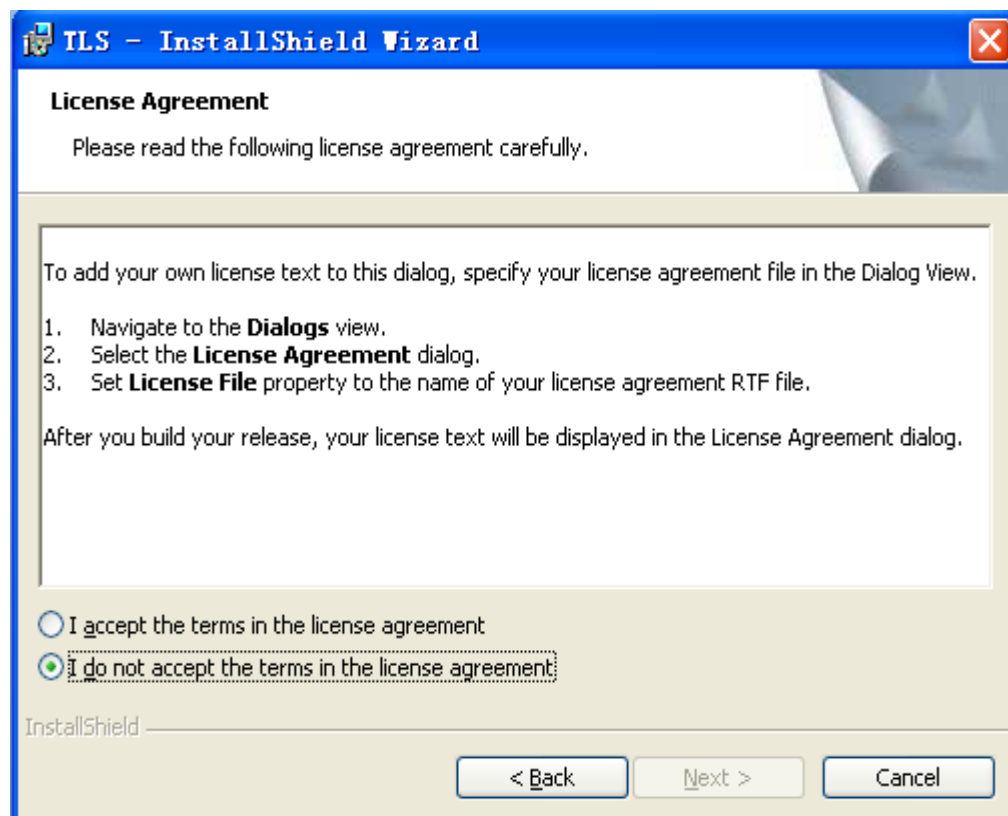
- (1) Click the 'setup.exe'



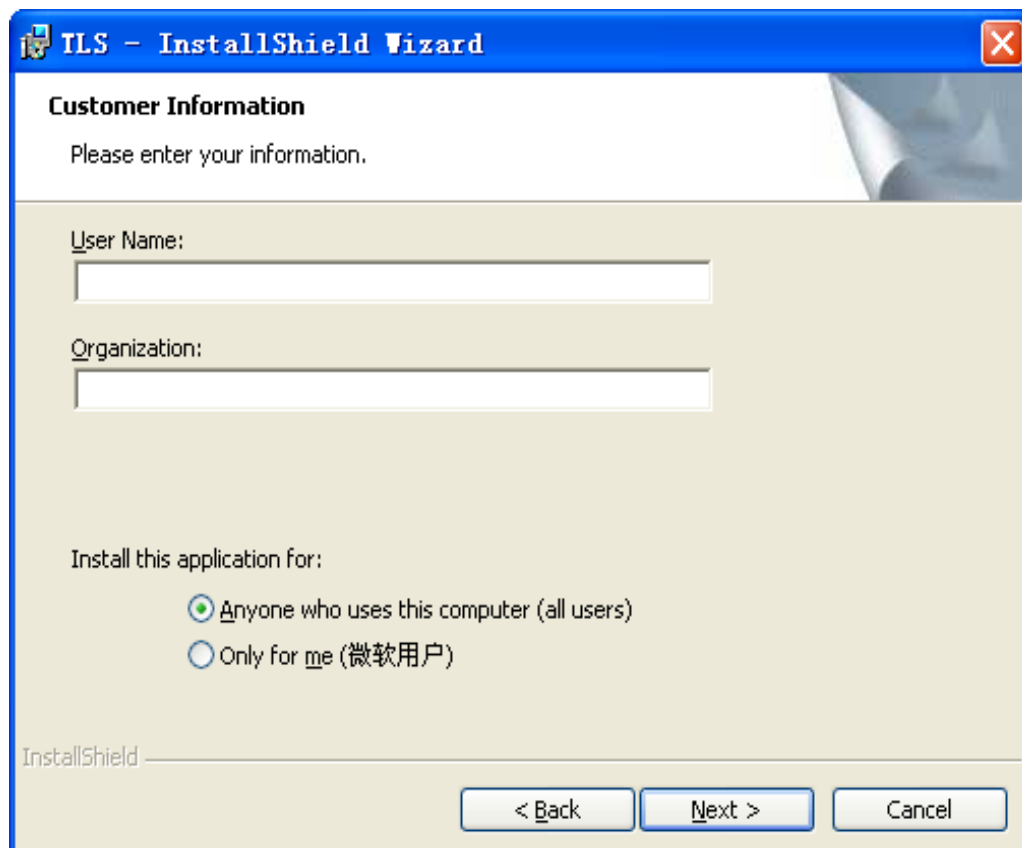
- (2) Welcome information and setup prompt



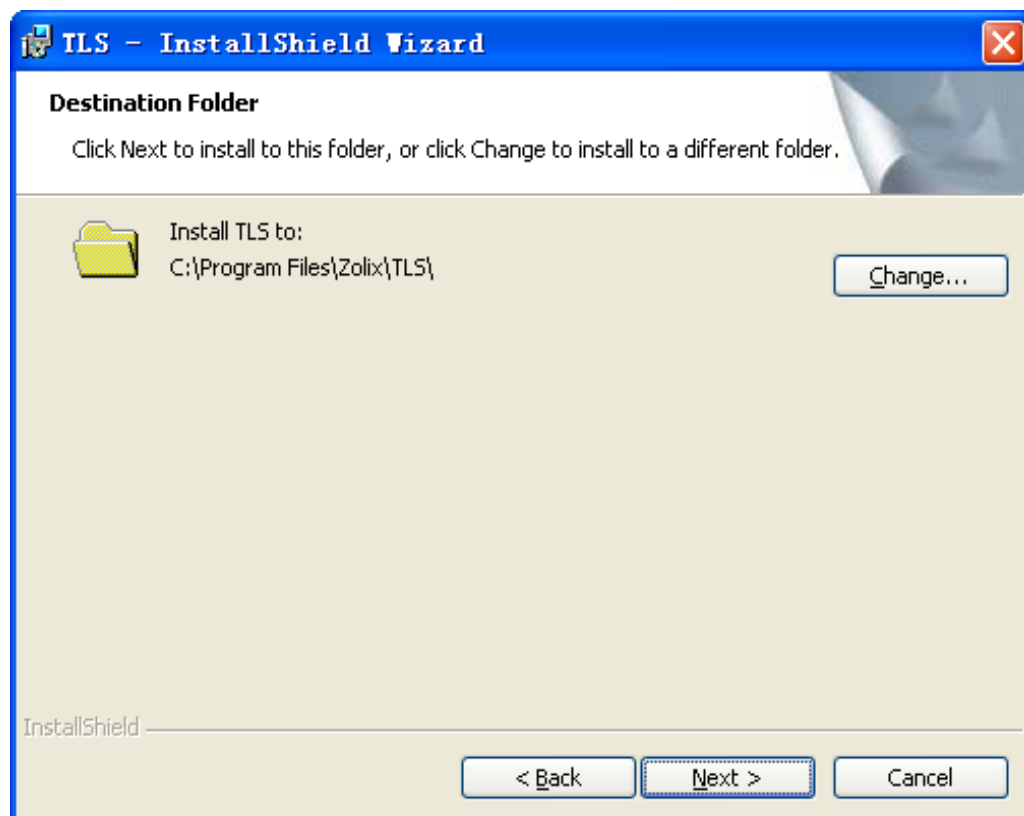
(3) License agreement items



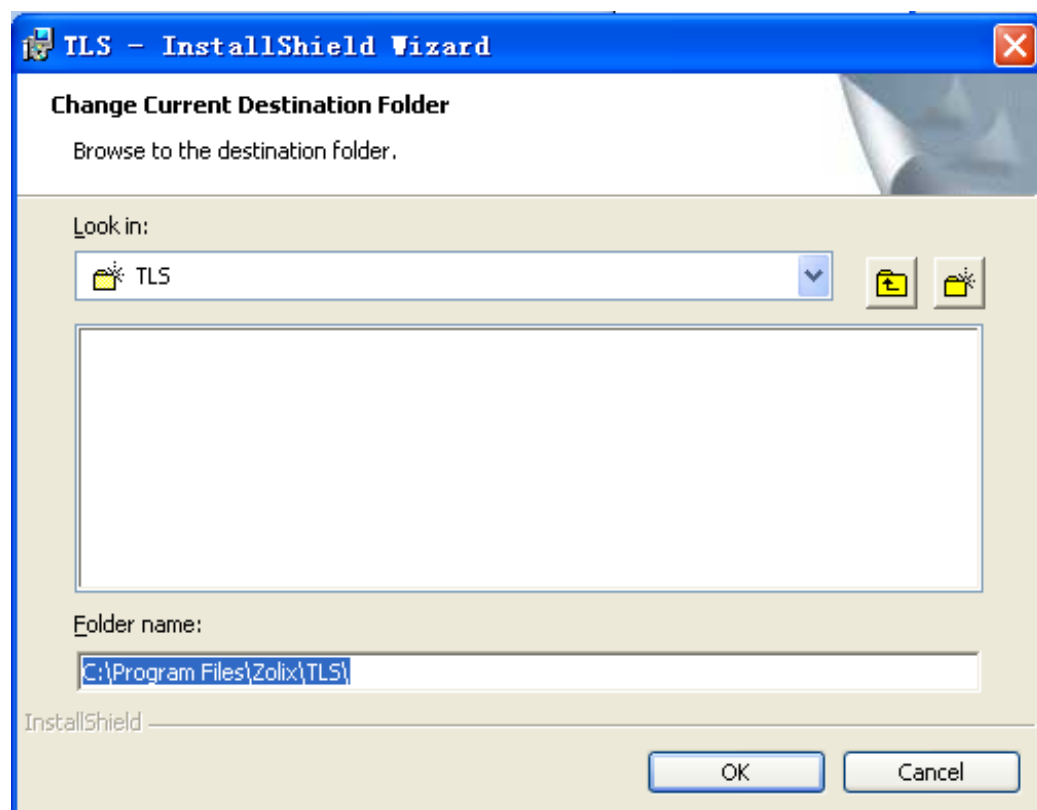
(4) User information entrance box



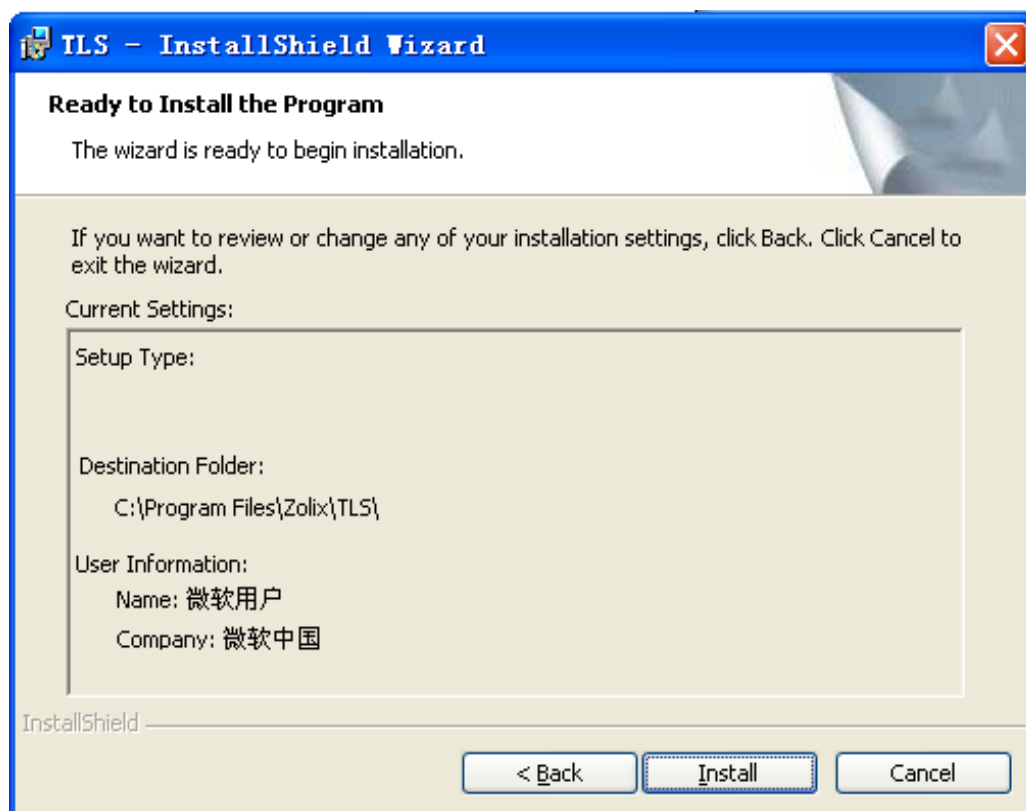
- (5) Select the destination folder



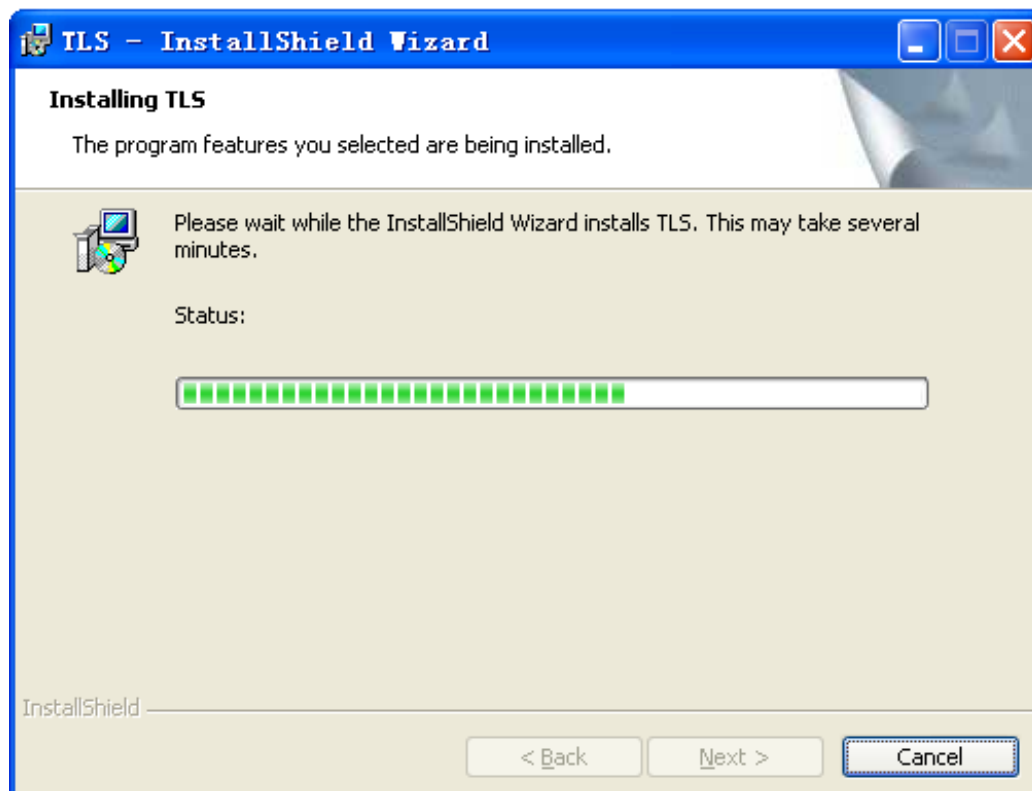
- (6) Change the default folder



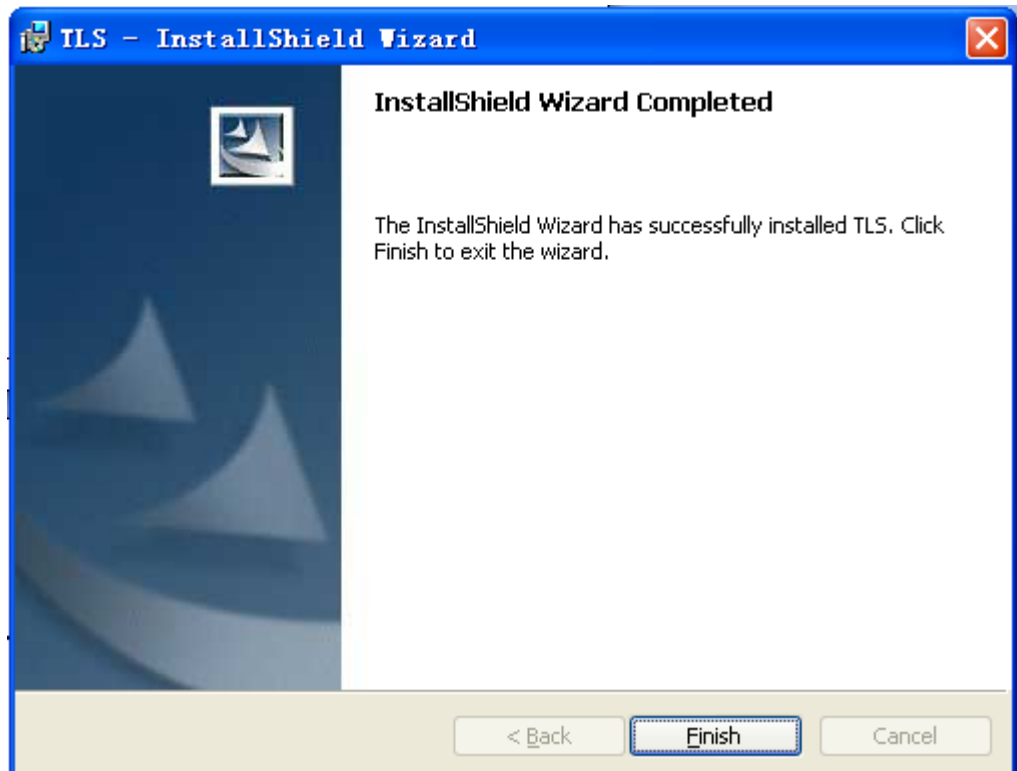
(7) Setup information confirm



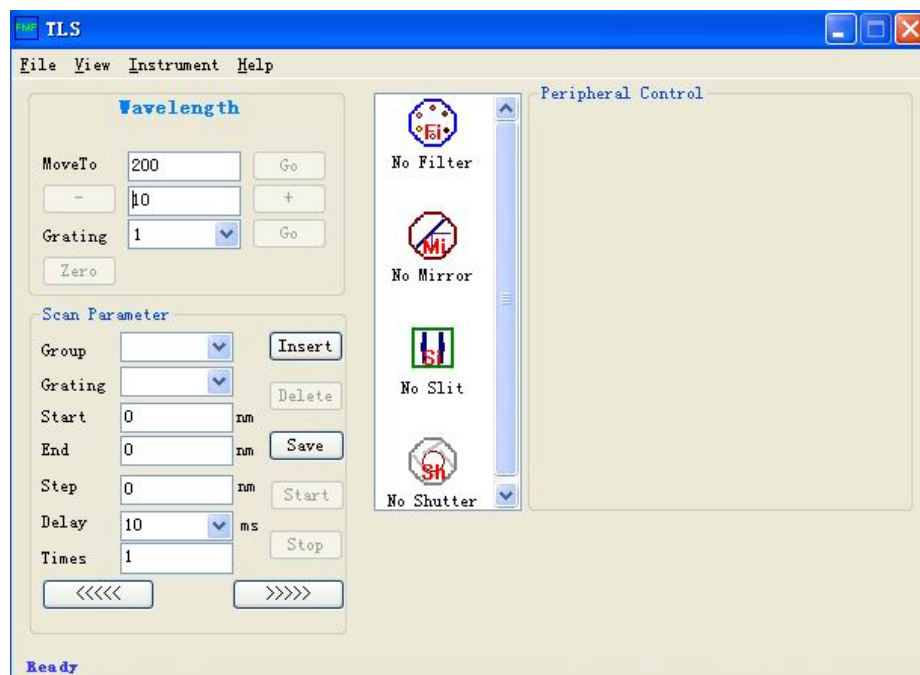
(8) Installing process



- (9) Install completed information. Then the icon 'ZolixScanBasic' will show on the desktop.

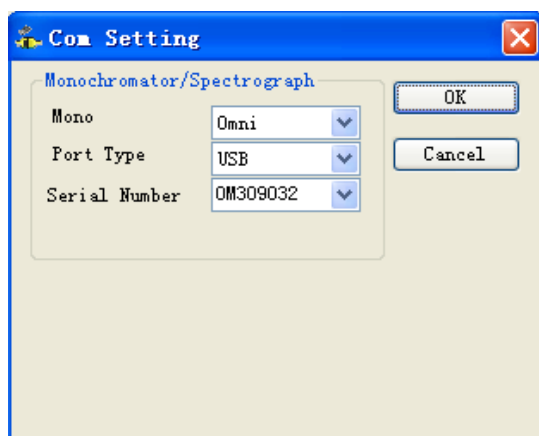


3. Operation Guide

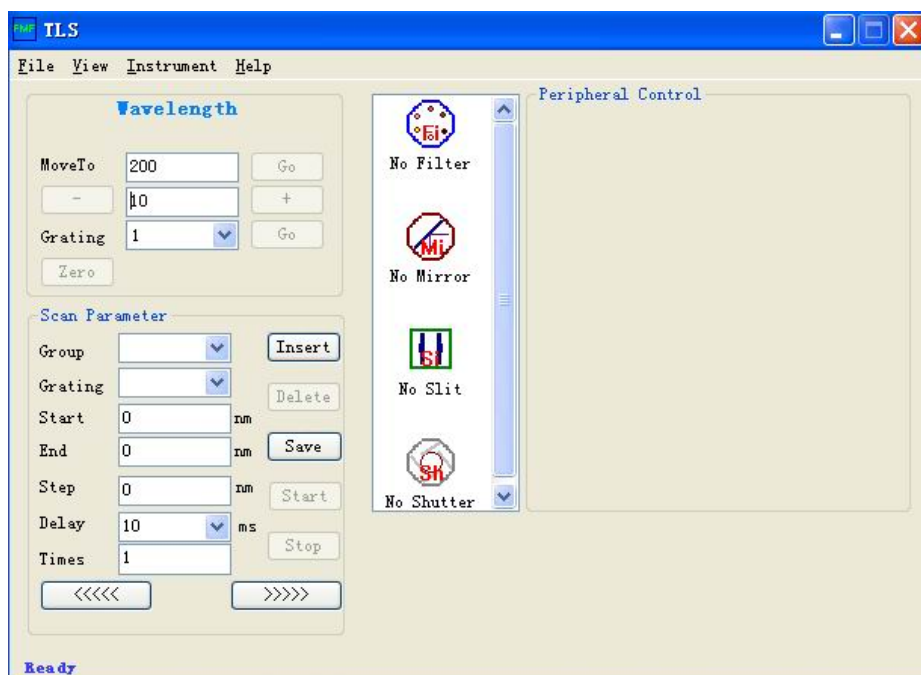


3.1. Communication

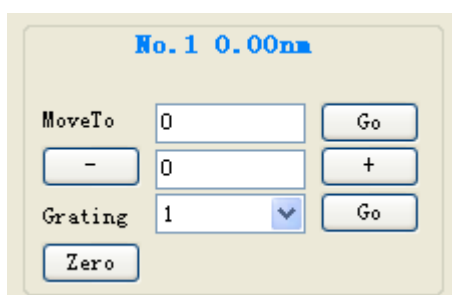
Select the right monochromator and communication port, and then click 'Connect'.



The following fig is displayed after connecting successful.



3.2. Monochromator Controlling



[Grating] The current grating #.For Omni-150 series monochromators, there are two gratings, for Omni-300 series monochromators, there are three gratings.

[MoveTo] Type wavelength value, click on [Go], the Monochromator will output corresponding wavelength value.

[-] The current wavelength value minus the corresponding values.

[+] The current wavelength plus a corresponding values.

[Zero], the Grating 1# will be back to the zero position.

3.3. Scanning parameters setting



The image shows a 'Scan Parameter' dialog box with the following controls:

- Group:** A dropdown menu.
- Grating:** A dropdown menu.
- Start:** A text input field containing '0', followed by 'nm'.
- End:** A text input field containing '0', followed by 'nm'.
- Step:** A text input field containing '0', followed by 'nm'.
- Delay:** A text input field containing '10', followed by a dropdown menu set to 'ms'.
- Times:** A text input field containing '1'.
- Buttons:** 'Insert', 'Delete', 'Save', 'Start', 'Stop', '<<<<', and '>>>>'.

Setting the current grating #, start wavelength, end wavelength and scan step, delay time and scanning repeat times.

“Insert” can insert several scanning plans, and carry out these scanning plan in order. “Delete” can delete the selected scanning plan. “Save” can save the selected scanning plan. “<<<<” can select the previous scanning plan and save the current scanning plan, and the “>>>>” can select the next scanning plan and save the current scanning plan.

Zolix Instruments Co., Ltd.

**Add: LDUV 68B, No. 16 Huanke Middle Rd, Golden Bridge
Science and Technology Industrial Base, Zhongguancun
Science Park Tongzhou Zone, Tongzhou District, Beijing
China(101102).**

TEL: +86 10 56370168

FAX: +86 10 56370118

Email: info@zolix.com.cn <http://www.zolix.com.cn>