

Installation Manual

CIX Height Measurement Solution

OLYMPUS Cleanliness Inspector System Optical Microscope and Accessories

English

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Olympus Soft Imaging Solutions GmbH, Johann-Krane-Weg 39, D-48149 Münster, Tel. (+49)251/79800-0, Fax (+49)251/79800-6060

1	CIX Height Measurement Solution4		
1.1	Safety instructions	4	
1.2	Installing the objective	4	
1.3	Installing the Solution	8	
1.4	Configuring the objective	12	
1.5	Calibrating the objective	13	

1 CIX Height Measurement Solution

This manual describes the installation of the objective as well as the installation and configuration of the software for the CIX Height Measurement Solution. Read this manual carefully before installing and configuring the system.

1.1 Safety instructions



Pinching hazard

When the stage moves, gaps appear. This creates a pinching hazard. Make sure that you are not within the stage's range of movement when it is moving. Try never to put your hands or fingers into any gaps.

1.2 Installing the objective

- 1. Use the joystick to move the stage all the way forwards to the mounting position.
- 2. Remove the multi-sample holder.
- 3. Lower the stage to its lowest position by rotating the coarse focus adjustment knob (1).



4. Use the joystick to move the stage all the way back towards the frame.



5. Loosen the screw that holds the nosepiece using the hexagonal screwdriver. To do that, use the screw that is located at the microscope frame.



6. Carefully pull the nosepiece forwards along the runner.



- 7. CIX90: The nosepiece is connected with a loose cable. Gently remove the plug.
- 8. Remove the cover on position 4 of the nosepiece.
- 9. Remove the objective from its packaging.
- 10. Screw the objective in to position 4.



- 11. CIX90: The following steps should be performed by two people, if possible.
 - Connect the port of the nosepiece with the plug of the cable under the microscope frame.
 - Place the nosepiece back in the runner on the microscope. While you do this, keep the cable out of the way by pulling it carefully back towards the back of the microscope frame.
 - Push the nosepiece slowly all the way to the back.

12. CIX100: Place the nosepiece in the runner on the microscope and push it slowly all the way to the back.



13. When the nosepiece is all the way back on the runner, tighten the screw with the hexagonal screwdriver.



1.3 Installing the Solution

A license key is required for the installation of the software. You can find the license key on the license certificate in the accompanying envelope.

Insert the DL-DVD into your DL-DVD drive. The start dialog box of the installation program should be automatically displayed on your screen.

Note: It is possible that the autorun function of your operating system is deactivated. In this case, double click the "setup.exe" file located in the root directory of your DL-DVD drive.

The installation program's first dialog box asks you to enter the license key for the solution. Please enter all 15 characters into the required fields.

Imaging Software - Setup	– 🗆 🗙
Provide license keys	OLYMPUS
To initial your product on this computer, you need to provide the setup with license keys you purchased.	
Put licenses on this computer	
Enter loanse key:	
AND	
Lionna Kay Reconsecutor [Itterration]	
Alternatively load Teasure loss from He-	
Regisse	
Search for floating license server	
Meet >	Cancel

Activation

The license has to be activated within 30 days.

Activation requires a working Internet connection. The activation takes place in the background.



Click the [Contact Server] button to complete the activation of the OLYMPUS Cleanliness Inspector Software.



Note: If you are not connected to the Internet, but are able to exchange files with another computer that does have an Internet connection, please follow the steps in the next dialog box.

Solution CIX Height Measurement



The following website is used for the activation.

OLYMPUS Your Vision, Our Future	
	COMPUS SOFT INVIGING SOLUTIONS GMBH
Activate Licenses	
● English ● Deutsch ● Français ● Italiano ● 日本語 ● 中文 ● pycconě Switch to mobile site	
Welcome to the license activation. You are here because your imaging software asked you to exchange codes for If your imaging software did not show such a dialog or does not ask for activation, then you do not need to procee	each license with the activation server. id here.
Enter the first code A here and click submit. In return, you will get the according code B.	
Code A:	
Submit	
After that you can enter the next code A if you have to activate more than one license.	

Note: If you are not connected to the Internet and are not able to exchange files with another computer that does have an Internet connection, you can activate the OLYMPUS Cleanliness Inspector Software by telephone. Call our Customer Service Center and follow the instructions below.

CIX ASW - Se	etup				-		×
Activate I	icenses manually				OLYN	ЛР	JS
Exchange of Step 1:	Codes for each license via	a phone or mobile device. ttp://www.ohmpus-sis.com/co	de activation/				
Step 2: Step 3:	Or call the activation hol Office Location Asia / Pacific Australia Europe Type code A from the lis Receive code B, go bac	tine: Phone Number +65 6777 7898 +61 (8) 8250 3557 +49 (251) 79800-0 It below (ine with the button "Cr ck to this setup and click the br	Comment ode B) into the web page. 	×			
Step 4: Step 5: Licenses: License	Type code B in the occi Repeat steps 2 and 3 fo	uring dialog. Ir each and every license listed Code A	below.		Activa	tion	
CIX ASW					C	ode B	
			< gack	Next >	C	ancel	

The activation is now complete. You can use your software on the computer for which it was activated, even if it doesn't have an Internet connection.

CIX ASW - Setup	- 🗆 ×
Activation successful	OLYMPUS
Your loanses were successfully activated. Additional important loanse information has been summarized and stored as an HTML, document to your dekitop. It is storedly recommended to prior the "Olympus Loanse Information" and additionally store this file somewhere deat than in the current computer. Open License Information	
< Back Ment >	Cancel

1.4 Configuring the objective

- 1. Start the software.
- 2. Click the [Hardware] button on your software's start page.
 - The [Device List] dialog box opens.
- 3. Click the [OK] button.
 - The [Device Settings] dialog box opens.
- 4. Select the [General] > [Motorized (BX3M-CB)] entry in the tree view.



Configuration in the [Device Settings] dialog box

- 5. Select position [4] in the [Pos.] column.
- 6. Select the [20] entry in the [Magnification] list.
- 7. Select the [MPLFLN] entry in the [Objective Type] list.
- 8. Enter the value [500 µm] in the [Escape Distance] field.
- 9. In the [Escape] group, select the [Auto-Escape] check box.
 - This prevents the objective from colliding with the sample when the objective changes.
- 10. Confirm the selection by clicking the [OK] button.

1.5 Calibrating the objective

- 1. Rotate the coarse focus adjustment knob to move the stage as high as it will go.
- 2. Perform the following calibration processes for the newly installed objective:
 - [Stage Limits]
 - [XY Objective Shift / Parfocality]
 - [Shading Correction] and [White balance]
 - [Manual Magnification Calibration]
 - [Manual Z-Axis Calibration]

It's not necessary to recalibrate the objectives that have already been calibrated. For more information on the calibration processes, see the software's help document.

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- Manufactured by

OLYMPUS SOFT IMAGING SOLUTIONS GmbH

Johann-Krane-Weg 39, 48149 Münster, Germany

Distributed by ——

OLYMPUS CORPORATION

Shinjuku Monolith, 2-3-1 Nishi-Shinjuku, Shinjuku-ku, Tokyo 163-0914, Japan

OLYMPUS EUROPA SE & CO. KG,

Wendenstrasse 14-18, 20097 Hamburg, Germany

OLYMPUS SCIENTIFIC SOLUTIONS AMERICAS CORP.

48 Woerd Avenue, Waltham, MA 02453, U.S.A.

OLYMPUS MEDICAL SYSTEMS INDIA PRIVATE LIMITED

Ground Floor, Tower-C, SAS Tower, The Medicity Complex, Sector- 38, Gurgaon 122001, Haryana, INDIA

OLYMPUS KOREA CO., LTD.

8F Olympus Tower A, 446 Bongeunsa-ro, Gangnam-gu, Seoul, 135-509 Korea

OLYMPUS AUSTRALIA PTY. LTD.

3 Acacia Place, Notting Hill VIC 3168, Australia

OLYMPUS SINGAPORE PTE LTD.

491B River Valley Road, #12-01/04, Valley Point Office Tower, Singapore 248373

OLYMPUS (CHINA) CO., LTD.

10F, K. Wah Centre, 1010 Huai Hai Road (M), Xuhui District, Shanghai, 200031 P.R.C.