



INX™ 600 Series Probe Microscope

Quick Start Guide

Safety instructions



CAUTION

Turn off the equipment, and disconnect all cables connected to it before moving the equipment or performing maintenance procedures.



WARNING

- To prevent potential fire or shock hazard, do not expose the equipment to any source of excessive moisture.
- Do not perform any operating or maintenance procedure that is not described in the user documentation. If the equipment is used in a manner not specified by VIAVI, the protection provided by the equipment might be impaired.
- Do not attempt to service this product yourself, as opening or removing covers might expose you to dangerous high-voltage points and other hazards. Refer all servicing to qualified VIAVI service personnel.
- Do not operate any equipment with its covers or panels removed.

AVERTISSEMENT

- Pour éviter tout risque d'incendie ou d'électrocution, n'exposez pas l'équipement à une source d'humidité excessive.
- N'effectuez aucune opération ou procédure de maintenance qui n'est pas décrite dans la documentation utilisateur. Si l'équipement est utilisé d'une manière non spécifiée par VIAVI, la protection fournie par l'équipement peut être altérée.
- N'essayez pas de réparer ce produit vous-même, car l'ouverture ou le retrait des panneaux latéraux peut vous exposer à des points haute tension dangereux et à d'autres dangers. Confiez tous les travaux d'entretien au personnel de service qualifié de VIAVI.
- N'utilisez aucun équipement dont les panneaux latéraux ont été retirés.

Technical Assistance Center and Knowledge Base

To find the Technical Assistance Center phone number and email in your region for the INX 600 Series Probe Microscope or to search the VIAVI Solutions Knowledge Base, visit the VIAVI Solutions Technical & Product Support site at support.viavisolutions.com.

INX 600 Series Probe Microscope features

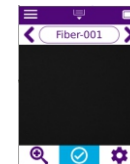


LED states

State	LED Ring	Charging LED
Off	• Microscope powered OFF • Microscope powered ON, no test in progress	• Microscope powered OFF • Battery charger not connected
Orange	—	Battery charging, microscope powered OFF
Blue	—	Microscope powered ON
Purple (circulating)	Test in progress	—
Red	Test failed	—
Green	Test passed	Battery fully charged
Blue Orange Flashing	—	Fully discharged battery charging, microscope powered ON (Power OFF microscope until battery charged)

Powering the microscope ON

1. Press and hold the **Power** button for two (2) seconds:
 - Touchscreen lights, and start-up screen appears.
 - The charging LED lights blue.
 - The **Home** screen appears on the touchscreen.The following image shows the state of the **Home** screen while an inspection tip is installed on the microscope but no fiber is connected to the tip.



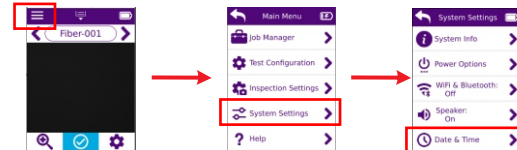
- While an inspection tip is installed on the microscope, the fiber illumination LED emits a blue light from the end of the objective lens.

Powering the microscope OFF

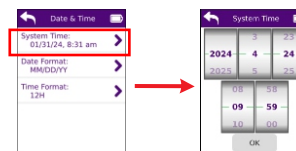
- Press and hold the **Power** button until the touchscreen turns off.

Setting the system date and time

1. Power ON the microscope.
2. On the **Home** screen, select the **Main Menu**, select **System Settings**, and then select **Date & Time**.



3. On the **Date & Time** screen, use the controls to set the date and time options for the microscope, and then select **OK**.



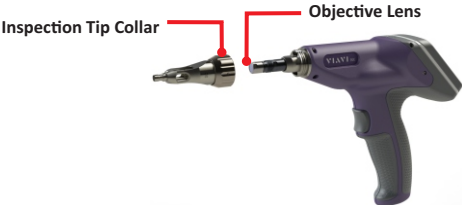
Changing the system language

By default, the system language is set to English. Portuguese, Spanish, French, German, Simplified Chinese, and Japanese are also supported.

1. On the **Home** screen, select the **Main Menu**, select **System Settings**, and then select **Language**.
2. On the **Language** screen, select a language setting.
3. Power the microscope OFF and then ON to apply the new language setting.

Changing the inspection tip

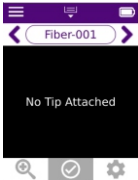
- 1. Remove the inspection tip installed on the microscope:
 - i. Holding the microscope securely, rotate the inspection tip collar to fully loosen it.
 - ii. Carefully pull the tip away from the microscope, ensuring that it does not come into contact with the objective lens.



- iii. Install the safety cap at the back of the inspection tip, place the tip in a dust-proof container, and store it in an accessible location.



- 2. If the microscope is powered on, note the following:
 - The fiber illumination LED turns off.
 - The **Home** screen indicates that no tip is attached to the microscope, and the Tool Tray tools are disabled.



- 3. Install the required inspection tip:
 - i. If present, carefully loosen and remove the inspection tip cap cover from back of the tip, and place it in a dust-free container.
 - ii. Carefully position the tip onto the microscope, ensuring that it does not come into contact with the objective lens.
 - iii. Thread the collar of the tip, and rotate it to secure it to the microscope. Do not overtighten the collar.

Important: Ensure that the collar is properly threaded and secured to the microscope.

Notes:

- If the microscope is powered on, the fiber illumination LED emits a blue light from the end of the objective lens.
- Place the dust cover onto the inspection tip to keep the objective lens free of dust and debris while the microscope is not in use.



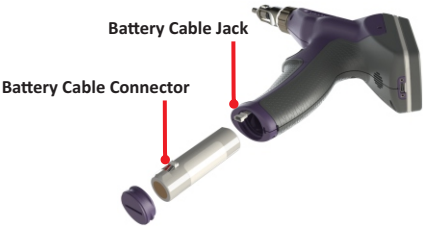
Charging the microscope battery

- 1. Connect the USB connector of a suitable charger to the USB-C interface on the INX 600 Series microscope.
- 2. Connect the charger to an appropriate power source.
While the microscope is powered ON, the charging LED on the microscope lights blue, and the battery indicator on the **Home** screen shows that the battery is charging.
- 3. When the battery is charged, disconnect the charger from the power source and then from the microscope.
- 4. Store the charger in an accessible location.

Replacing the microscope battery

Important: Use only the VIAVI-supplied battery intended for the INX 600 Series microscope.

- 1. Power OFF the microscope.
- 2. Holding the microscope securely, remove the battery cover.
- 3. Carefully slide the battery far enough of the receptacle to disconnect the battery cable connector from the jack, and then fully remove the battery from the receptacle.



- 4. Carefully insert the replacement battery into the receptacle, and connect the battery cable connector to the jack.
The microscope powers ON.
- 5. Replace and secure the battery cover. Do not overtighten the cover.

Accessing INX 600 Series documentation

Scan the QR code to access the *INX 600 Series Probe Microscope User Guide*, 22183219.



Specifications

Display	320 x 240-pixel (2.4") IPS color backlit touchscreen
Status indicators	• LED Ring • Speaker
Power supply	5V/2.1A USB AC adapter
Battery	Li-ion 18.15 Wh (field replaceable)
Charging modes	• USB2.0 in 500mA and 1.5A modes • USB-C PD, 500mA, 1.5A, and 3A modes
USB Port	1x USB-C
Wireless connectivity	• Singleband 2.4 GHz • Bluetooth® 5.2 BLE • Wi-Fi 802.11b/g/n
Operating temperature	0 to 40°C (32 to 104°F)
Operating humidity	0 to 90% non-condensing
Storage temperature	-20 to 60°C (-4 to 140°F)
Dimensions (L x W x H)	• Without inspection tip: 255 x 191 x 60 mm (10.0 x 7.5 x 2.4 in) • With LC inspection tip: 275 x 191 x 60 mm (10.8 x 7.5 x 2.4 in)
Weight	0.396 kg (0.87 lb) without inspection tip
Inspection tips	Simplex, Multifiber Semi-Auto Stainless steel with threaded mounting nut; integrated auto-identification technology; tether point (lanyard sold separately)



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