

## QUICK START GUIDE

**Manufacturer:**

Viavi

**Product Name:**

Viavi INX 760 Probe Scope Kit with MPO, LC and SC Tips - (Kit 2)

**Manufacturer Part Number:**

INX-760-KIT2

► Click here for more details on the Viavi INX 760 Probe Scope Kit with MPO, LC and SC Tips - (Kit 2)



### INX™ 700 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.

**INX 700 Series Probe Microscope features****LED states**

| State                | LED Ring  | Charging LED   |
|----------------------|---|--|
| Off                  | <ul style="list-style-type: none"><li>• Microscope powered OFF</li><li>• Microscope powered ON, no test in progress</li></ul> | <ul style="list-style-type: none"><li>• Microscope powered OFF</li><li>• Battery charger not connected</li></ul> |
| 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)            |

**Contact the professionals at Fiber Optic Center for a quote or to get more details.**

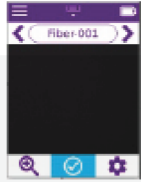
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## Powering the microscope ON

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.



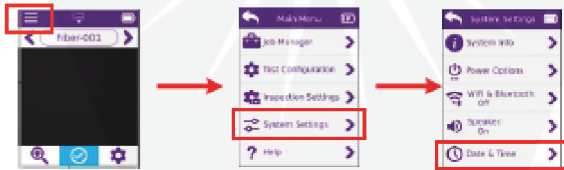
- While an inspection tip is installed on the microscope, the fiber illumination LED emits a blue light from the end of the objective lens.

## Powering the microscope OFF

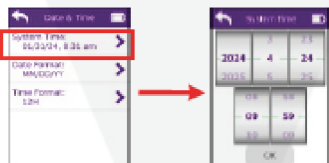
- Press and hold the **Power** button until the touchscreen turns off.

## 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**.



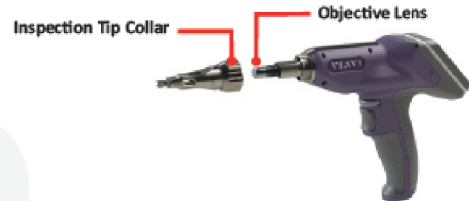
## Changing the system language

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, and store the tip 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.

4. If the microscope is powered ON, note the following:

- The objective lens might move to adjust to the correct position for the newly installed tip.
- The fiber illumination LED turns on.

**Note:** 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.



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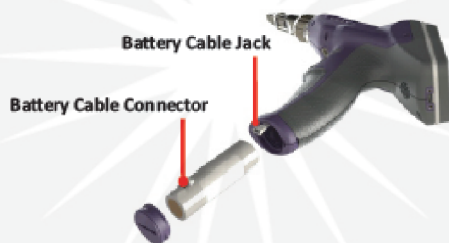
### Charging the INX 700 Series microscope battery

1. Connect the USB connector of a suitable charger to the USB-C interface on the 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 INX 700 Series microscope battery

**Important:** Use only the VIAVI-supplied battery intended for the INX 700 Series microscope (FPP-INX7-BATTERY).

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.
5. Replace and secure the battery cover. Do not overtighten the cover.

### Specifications

|                        |   |
|------------------------|---|
| Display                | 320 x 240-pixel (2.4") IPS color backlit touchscreen  |
| Status indicators      | <ul style="list-style-type: none"> <li>• LED Ring</li> <li>• Speaker</li> </ul>   |
| Power supply           | 5V/2.1A USB AC adapter  |
| Battery                | Li-ion 18.15 Wh (field replaceable)   |
| Charging modes         | <ul style="list-style-type: none"> <li>• USB2.0 in 500mA and 1.5A modes</li> <li>• USB-C PD, 500mA, 1.5A, and 3A modes</li> </ul>   |
| USB Port               | 1x USB-C  |
| Wireless connectivity  | Singleband 2.4 GHz <ul style="list-style-type: none"> <li>• Bluetooth® 5.2 BLE</li> <li>• Wi-Fi 802.11b/g/n</li> </ul> <b>Note:</b> INX Probe Microscopes with wireless connectivity only     |
| Mounting point         | ¼" diameter, 20 threads per inch (¼"-20) socket   |
| 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) | <ul style="list-style-type: none"> <li>• Without inspection tip: 253 x 191 x 60 mm (9.9 x 7.5 x 2.4 in)</li> <li>• With LC inspection tip: 275 x 191 x 60 mm (10.8 x 7.5 x 2.4 in)</li> </ul> |
| Weight                 | 0.5 kg (1.1 lb) without inspection tip  |
| Inspection tips        | Simplex, Duplex, or Multifiber; stainless steel with threaded mounting nut; integrated auto-identification technology; tether point (lanyard sold separately)                                 |

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