

Quick Card

P5000i Fiber Microscope Auto-test on In Focus with FiberChekPRO™

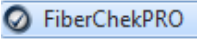
This quick card describes how to update the P5000i Fiber Microscope to the latest software revision using VIAVI FiberChekPRO software.

Equipment Requirements:

- P5000i Fiber Inspection Microscope
- Personal Computer (PC) or Laptop
- FiberChekPRO Software version 2.3 or greater
(download at <http://fcpro.updatemyunit.net/>)



Firmware Update Instructions:

1. Connect the P5000i USB Connector to a USB port on your laptop or PC.
2. Click the **FiberChekPRO** icon  in the Windows® Start menu to launch FiberChekPRO.
3. The **FiberChekPRO** software will identify the connected P5000i device. If new firmware is available, a window will be displayed with instructions to perform the update. Press the **OK** button.

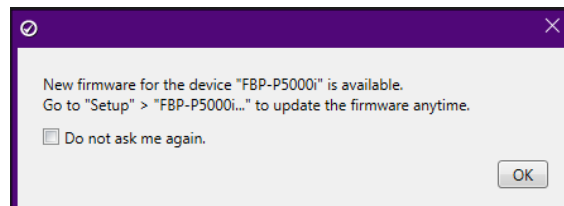


Figure 1: New firmware prompt.

4. Click the **"Setup"** option in the upper right corner of the screen and select **FiberChekPRO Setup...**

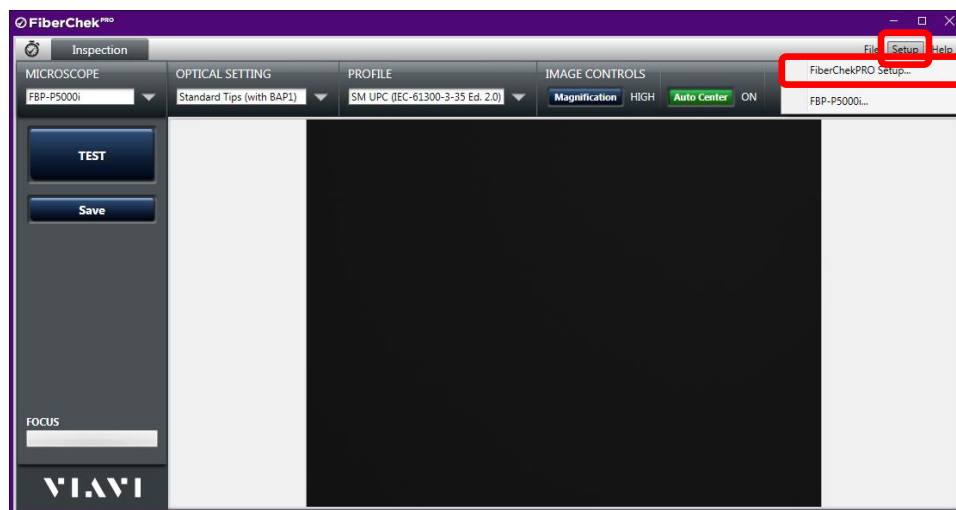


Figure 2: Setup Menu

5. The **FiberChekPRO Setup** screen will be displayed. Select the **Microscope** option to display “Auto-test on In Focus” options:
 - Select **Enable with Test Button** to enable or disable the feature with the test button.
 - Select **Enable with Test Button or Fiber Insertion** to enable the feature whenever a fiber is inserted into the probe tip, or whenever a probe tip is inserted into the bulkhead.

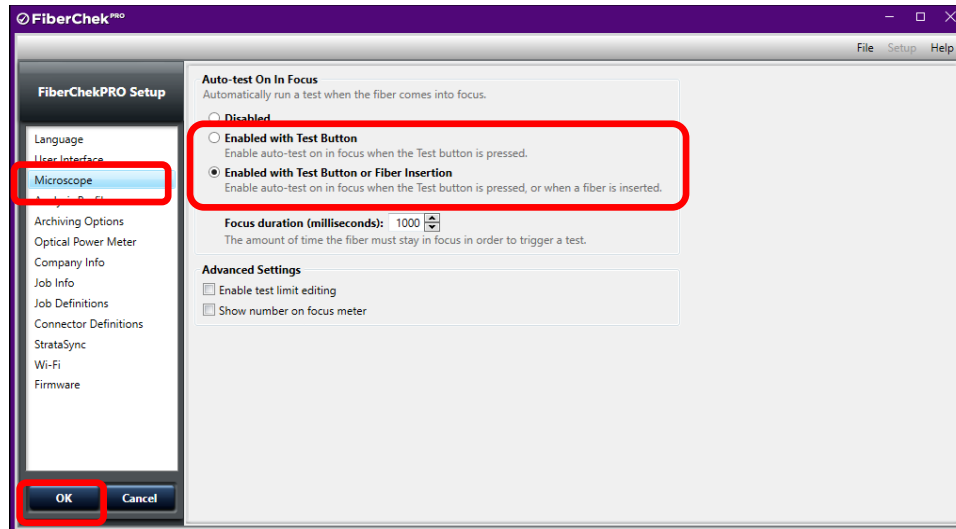


Figure 3: FiberChekPRO Setup

6. Click **OK** in the lower left corner to confirm the selection and display the **Inspection** screen.
7. Using the drop-down menus at the top of the screen, select the **OPTICAL SETTING** and **PROFILE** that match the tip and fiber under test.
8. Insert the Bulkhead Inspection Tip into the bulkhead or insert the Patch Cord ferrule into the Patch Cord Inspection Tip on the P5000i Microscope Probe.
9. If “**Enable with Test Button**” was selected in step 5, press the Test button on the P5000i.
10. Adjust the Focus Control Wheel of the P5000i microscope to focus the fiber endface. The left horizontal bar on the screen indicates the level of focus adjustment.
11. The microscope will automatically test the fiber when the fiber endface is in focus.

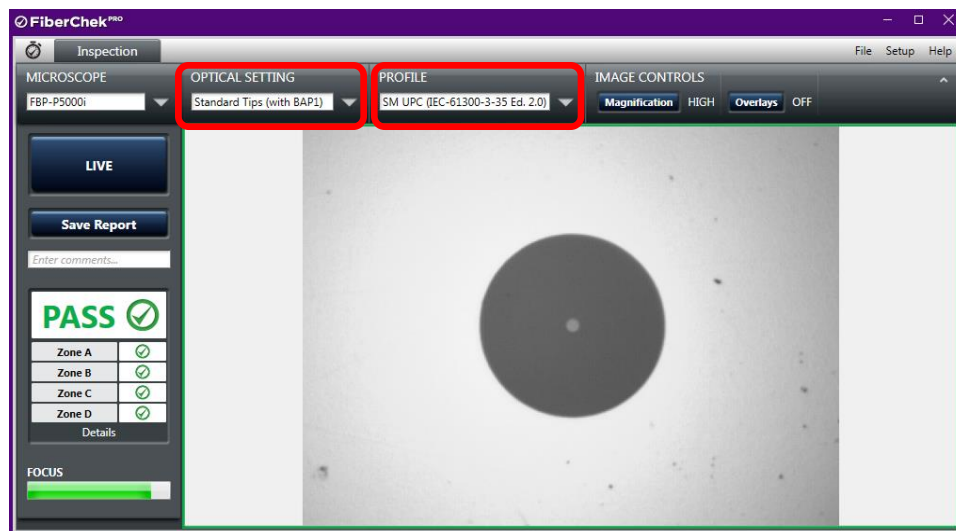


Figure 4: Inspection Test results