



Quick Reference Guide

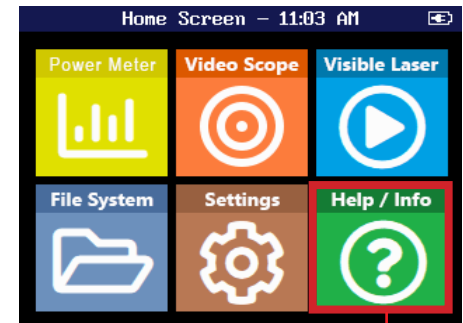
OV350-PM-VIS

Rev. A 1/2026

Power Up

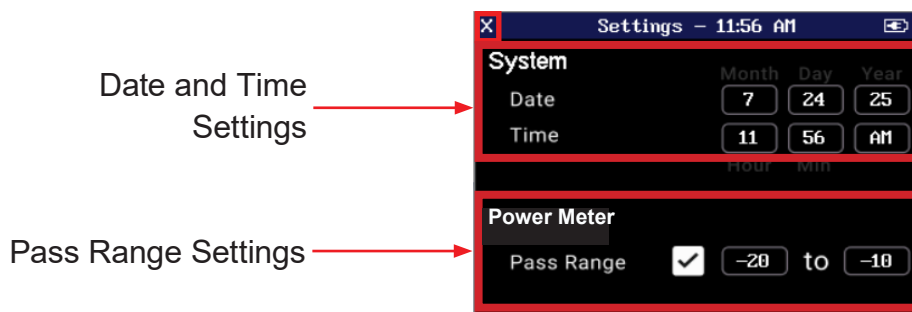
Press the  button to power up the unit and the home screen will be displayed.

The home screen offers direct access to the power meter and the video scope modules. There is a visible laser which is operated directly from the home screen, simply touch the Visible Laser icon and toggle through CW, modulated and off. File management icon opens file management screen to manipulate and transfer files saved in the power meter, and video scope modules. The settings icon opens the settings page to set date and time and pass/fail range for the PM. The Help icon offers the user a link to Fiber Instrument Sales manuals, upgrades and training online.



Setting Screen

Select the Settings icon to open the settings screen.

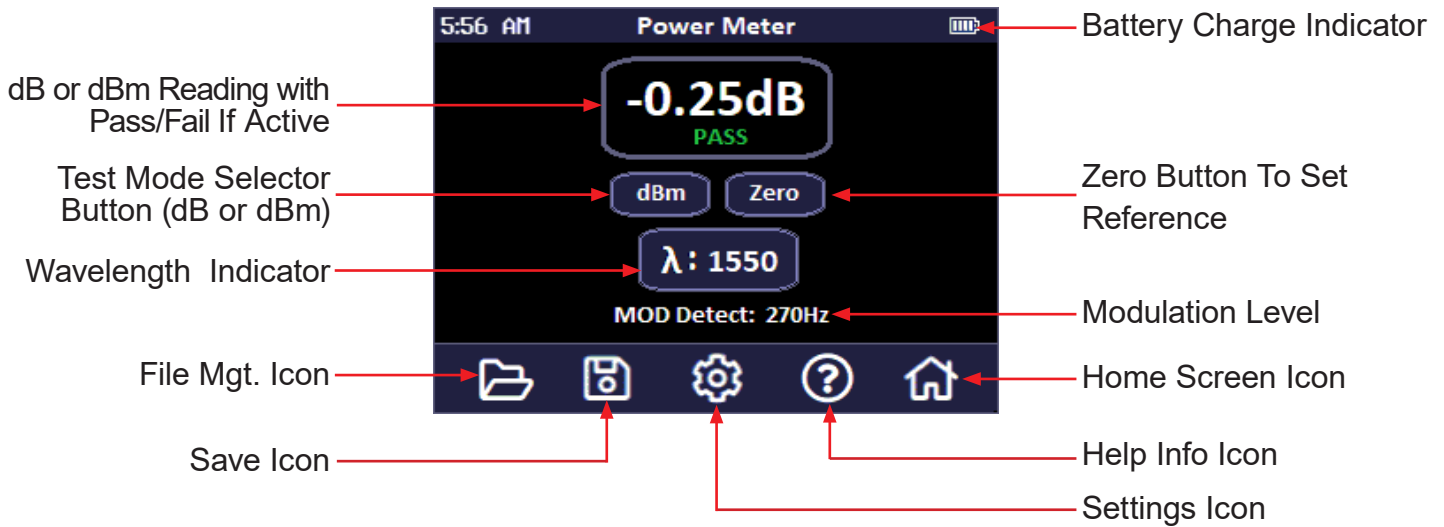


Setup

Follow the steps below for initial setup and periodic adjustments

- From the Home screen or the Power Meter menu screen, select the Settings icon to enter the settings screen.
- Set the date and time for accurate time stamps on saved files.
- Pass/Fail range and an on screen indication of pass/fail is set from this screen. Use the check box to turn on a pass or fail indication below the power reading. To set the pass/fail range, long touch the displayed values to cycle to the desired setting.
- When finished, select the Exit icon in the top left of the display.

Power Meter Operation Screen



Screen Labels and Buttons

<u>Loss or Power Reading</u>	Indicates the loss (dB) or power (dBm) reading with Pass Fail annunciator if active for loss readings.
<u>Battery Charge Indicator</u>	Displays battery charge level.
<u>Test Mode Button</u>	Select to switch between loss (dB) or power (dBm) readings.
<u>Zero Set Button</u>	Used to set the reference when conducting loss tests.
<u>Wavelength Indicator</u>	Indicates the wavelength being tested and when selected, will cycle through calibrated wavelengths to set the proper wavelength for testing, if compatible FIS source is not being used to accommodate auto wavelength recognition.
<u>Modulation level</u>	If the source is being modulated, this will indicate the modulation level, 270Hz, 1KHz, 2KHz or CW for constant wave signals.

Menu Icons

<u>File Management Icon</u>	Opens the file management screen to manage and open stored tests and video scope file.
<u>Save Icon</u>	Saves the active PM test
<u>Settings Icon</u>	Opens the settings screen to set real-time clock and set pass/fail range
<u>Help Info</u>	Displays information to access FIS manuals, upgrades and training online.
<u>Home Icon</u>	Select the home icon to return to the home screen.

Video Microscope

Video Microscope Operation Screen

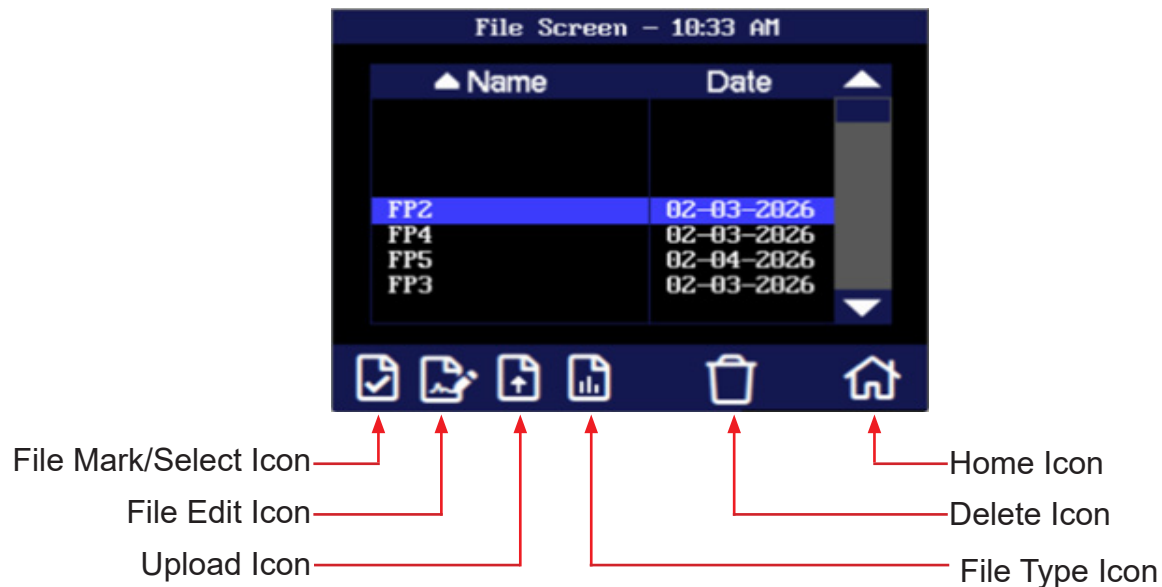


Video Scope Icon Function

<u>Live Icon</u>	Selecting the live icon turns on live or running mode. This is a real time reading of the connector face.
<u>Pause</u>	To freeze an image inspection, select the Pause icon. While in auto of the auto/pass/fail mode, pressing pause will also grade the connector end face and display calculated pass or fail.
<u>Zoom In</u>	Selecting Zoom In increases the image to 250x
<u>Zoom Out</u>	Selecting Zoom Out returns the image to 125X
<u>Save Icon</u>	Selecting the Save Icon opens the file save/naming screen with QWERTY keyboard
<u>Pass/Fail</u>	Selecting the set pass/fail icon while in the live mode will toggle through fail, pass and auto grading markers (Auto will be accomplished by the unit when entering the pause mode.)
<u>Brightness</u>	Selecting the brightness icon will cycle through the brightness levels available.
<u>Grading Rings</u>	Selecting this icon will toggle the grading rings off and on. These pass/fail grading rings are used to assist with manually grading a connector. The rings represent 25um, 120um, 130um and 250um.
<u>Edit Icon</u>	This is used to mark the points of contamination and is accomplished in the paused mode. Available markers will be displayed at the top of the screen. Pick up the marker by using the stylus and touching the contamination sample size that is required. Touch the image where the marker is to be placed. The marker may be fine-tuned with the stylus to cover the contamination point. Once positioned properly, touch the statement "Place marker on image then touch here" to lock marker in place. Repeat this as necessary to mark all the points that need to be indicated for the pass/fail status. At this point the image should be saved as the marks are removed upon returning to live mode.
<u>Home Icon</u>	Select the home icon to return to the home screen.

File Management

File Management Screen/Icons



Icon Function/Use

Mark/Select

Selecting this will mark the highlighted file for uploading or deleting.

File Edit

When selected the highlighted file will open in with the QWERTY keyboard for editing.

Upload Icon

Selecting this will upload Marked and highlighted files to the computer through FIS Connect Software.

File Type

This is a toggle and will display power meter or video microscope files. Note that the image changes from a bar graph or scope target inset.

Delete Icon

This is a non-recoverable delete key, once selected the marked and highlighted files are erased immediately.

Home Icon

Select the home icon to return to the home screen