EXFO Optical Explorer

EXFO

Models:
1310/1550 nm
1650 nm
BASIC

Models:
1310/1550 nm
1650 nm
1310/1550/1650nm (Live)
PRO

Features

Light source/Power checker	
EXFO Advisor 5-star rating	
Flash Advisor	
Fault Xplorer	

Features

Light source/Power checker	
EXFO Advisor 5-star rating	
Flash Advisor	
Fault Xplorer	
Link Mapper	
Click-Out Optical Connector	

OX1

Measurement identification (automatically incremented by the unit) OR Tap to access the list of measurements directly

Title bar indicating the status information of elements such as Bluetooth, Wi-Fi, and battery

To access the three-line menu

To view next measurement

To view previous measurement

Pass/Fail status or EXFO Advisor verdict

FAIL

LENGTH

5.76 km

LOSS 1550 ORL 1550

2.2 dB **36.4** dB

Link results

To indicate the function used for a measurement

Link overview

2/3

3.23 km   2.53 km

3.23 km

Link view

To view next element

To view previous element

Distance to the next element

Distance to the previous element

To start or stop a measurement (the button turns to a red stop button)

To show the bottom drawer and access measurement-related parameters

Link Mapper function

Fault Xplorer function

Flash Advisor function

⭐ *Patent-pending*

EXFO Optical Explorer

Powering up the OX1

Press the on/off button until the unit beeps once. LED lights up and remain lit until the splash screen is displayed

Overview of OX1 Testing Functions

Flash Advisor	Fault Xplorer	Link Mapper
Lightning fast verification of link quality and length	**Swift link verification with embedded fault tracking**	**Link verification with fault tracking and element mapping**
★★★★★	★★★★★ ❌✅	★★★★★ ❌✅

OLX-039 — 11:23

★★★★★

LENGTH
4.16 km

LOSS 1650 **1.3** dB   ORL 1650 **38.0** dB

OLX-023 — 11:17

FAIL ❌

LENGTH
6.37 km

LOSS 1650 **3.7** dB   ORL 1650 **38.3** dB

2/3
5.80 km ◀ ❌ ▶ 573 m
5.80 km

OLX-049 — 10:55

PASS ✅

LENGTH
5.80 km

LOSS 1650 **3.3** dB   ORL 1650 **38.3** dB

2/5
500 m ◀ ✅ ▶ 151 m
500 m

TestFlow Mobile app functions

The OX1 unit may be paired to TestFlow Mobile app to:

- Create PDF single test report
- Customize job information
- Store test results to the cloud
- Create PDF Job report

} TestFlow credentials required

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Quick Test Setup

1.1: On bottom left of the screen, tap the arrow key to access the quick setup menu

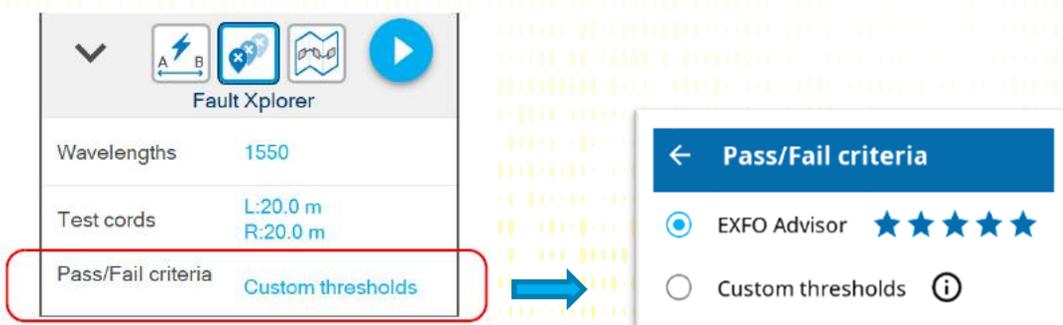**1.2:** Select the required wavelength(s)
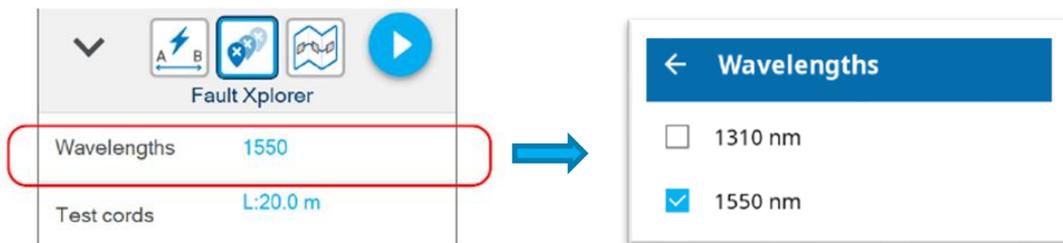
1.3: Set up the test cords
(Recommended Length: 20m (APC connector) – 60m (UPC connector)
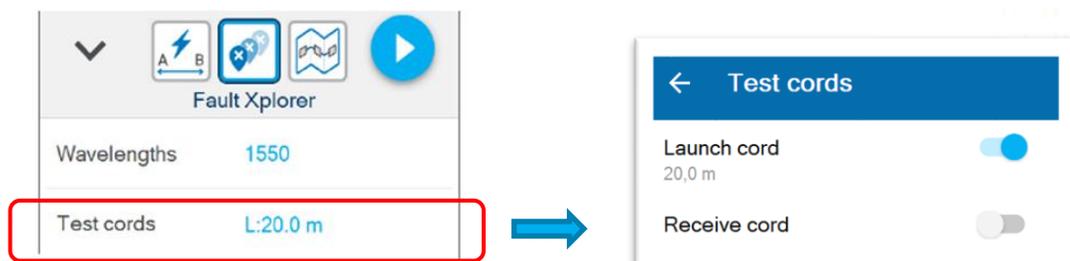
1.4: Select Pass/Fail criteria among:

EXFO Advisor™, the 5 star rating of fibre link health

or Custom thresholds to edit customized thresholds

Test and Results

1.1: Select the desired test function:
Flash Advisor, Fault Xplorer or Link Mapper (on Pro model only)

1.2 Tap start button

1.3 Tests results are stored automatically. File auto-naming and auto-increment is enabled by default (*OLX-XXX format)*

1.4: To view and manage results , tap on measurements from the main menu
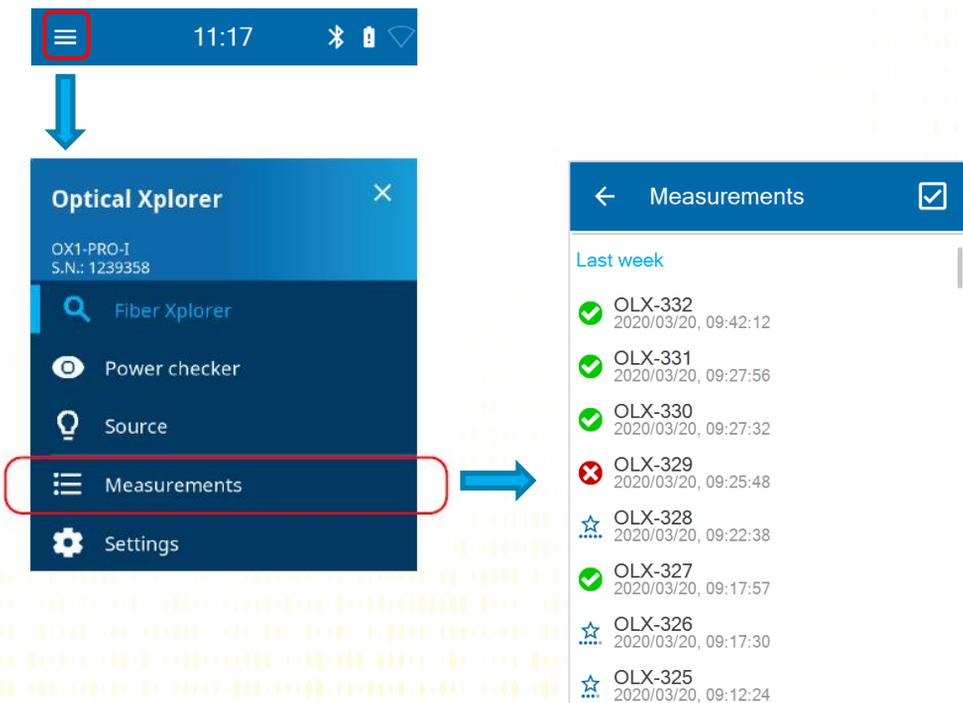
Pair OX1 unit to your Smartphone

1.1 If you have a TestFlow account, enter your credentials (1) to enter TestFlow Mobile app. Otherwise, Tap "NOT NOW" (2) and Open the main menu (3)

1.2 Select Optical Explorer (4)
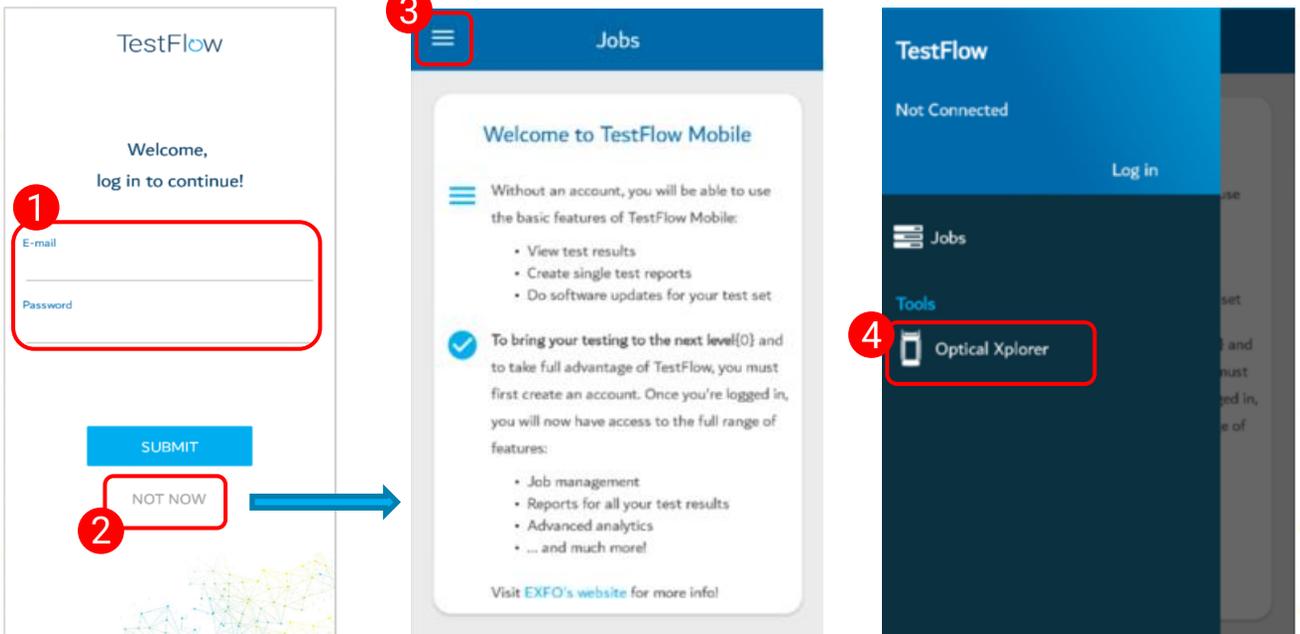
1.3 Pair the desired OX1 unit to your Smartphone
(Bluetooth function must be activated both on the OX1 unit and the Smartphone)
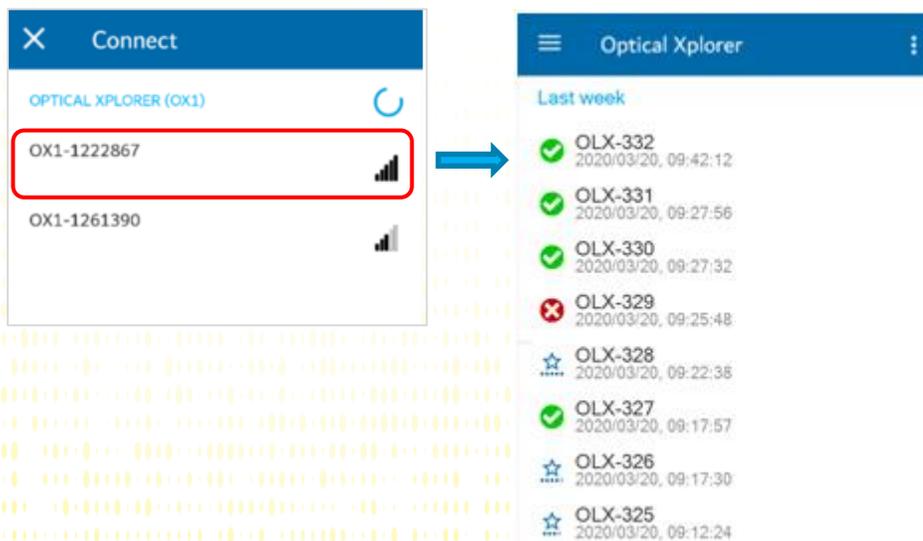
Once paired, OX1 results are displayed on your Smartphone

Create PDF single test Report

1.1 Once the OX1 paired to your Smartphone, Tap on the desired measurement to open it (1)

1.2 Tap the three dot menu (2) and Select PDF report (3)

1.3 Edit Report information and Tap CREATE (4)

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Work in Job Mode with TestFlow

OX1 unit can work in pair with TestFlow Mobile app and download a TestFlow job consisting in a list of predefined fibers to be tested. Once the job completed, the OX1 results are uploaded to TestFlow via the app, enabling the cloud archiving and all TestFlow features (ex: job report)

Complete a TestFlow job with OX1

1.1 Logon to the TestFlow Mobile App
1.2 If a job has been created by your administrator, go to 1.4 section
1.3 To create a new job In the **Jobs** screen, tap on ➕ icon (1)
      (1/4) Select **Blank job** and tap **NEXT** on top right
      (2/4) Edit the Job ID, names and locations and tap **NEXT**
      (3/4) Select **OLX (Optical Explorer)** and tap **NEXT**
      (4/4) Edit the project information and click **CREATE**
1.4 The new Job is displayed in the job list. Tap ❯ of the desired job (2)
1.6 Click on ⭕ icon of one fiber to be tested (3)
1.7 On the pop-up menu, tap **SYNC** (4) to sync the job with the OX1
1.8 The job is downloaded into the OX1. Open it and test until completion (5)
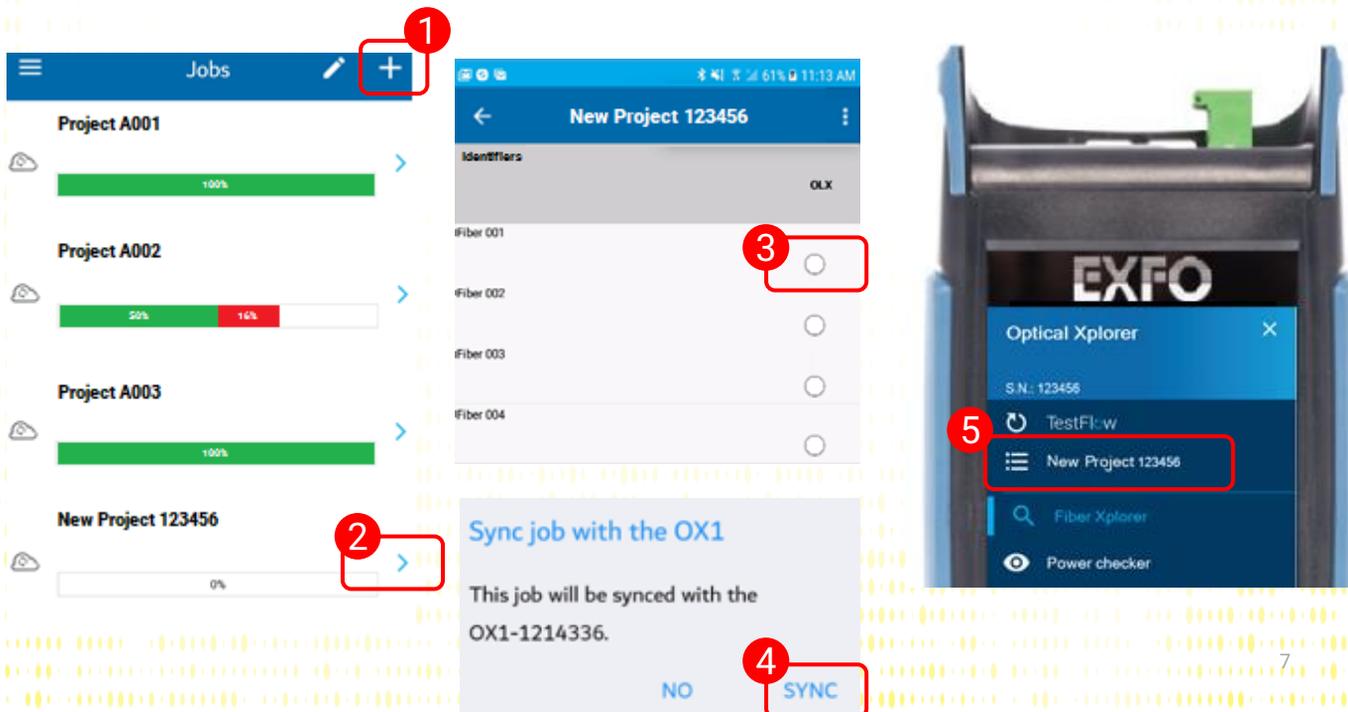
Job cloud storage and Report

1.1 Once the job completed into the OX1, display the job in TestFlow Mobile and Tap ◯ to sync back OX1's results into TestFlow Mobile. All results are automatically stored in TestFlow cloud.
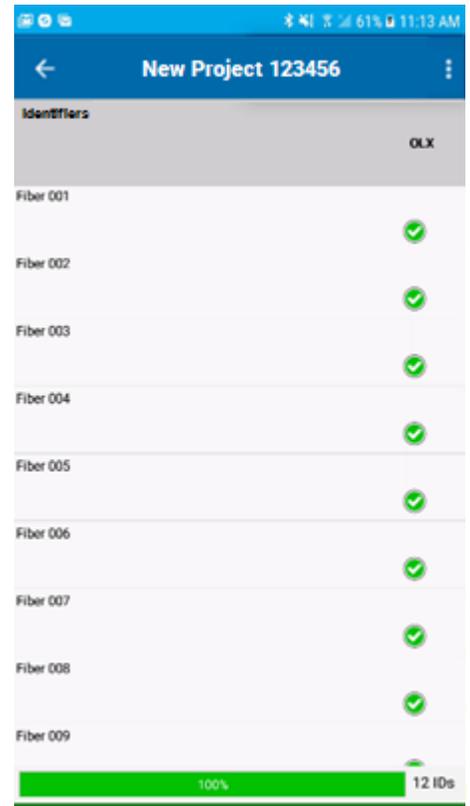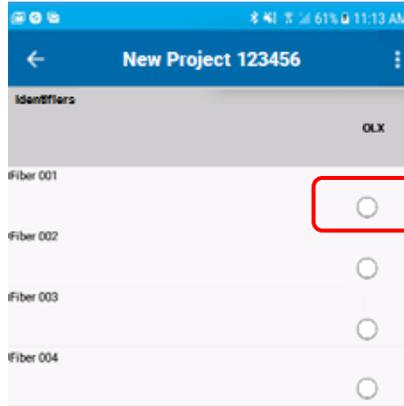
1.2 Job report generation can be done on TestFlow Mobile if needed. Into the job Tap ⋮ and Select **Generate report**