

# Getting Results

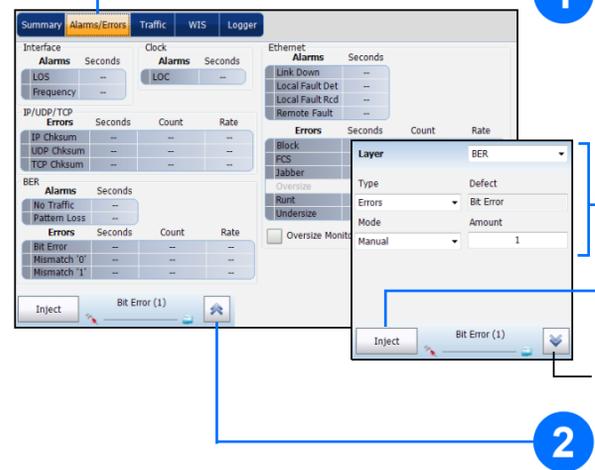


The **Summary** tab is automatically displayed once the test is started. Select a tab to get additional test results.

The **Stop** button is displayed when the test is running.

Test control buttons are reconfigured according to the test application and status.

# Alarm/Error Injection



1 Tap the **Alarms/Errors** tab.

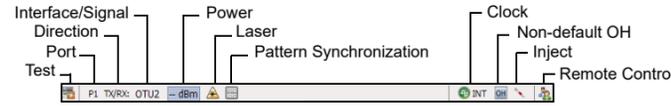
3 Select the alarm/error to be injected and its parameters.

4 Tap **Inject**.

Hides the alarm/error selection.

2 Tap to select an alarm/error.

# Status Bar



Additional Status Bar Symbols:

	Connection established between two testing units in <b>Dual Test Set (DTS)</b> , <b>EXFO Worx Interop</b> , or in <b>Loop Up</b> mode.
	Connection not established between two testing units in <b>Dual Test Set (DTS)</b> , <b>EXFO Worx Interop</b> , or in <b>Loop Up</b> mode.
	Remote unit is busy (locked) in <b>EXFO Worx Interop</b> operation mode.
	<b>LINK</b> : Port link <b>PTP</b> : 1588 PTP, PTP Frames <b>ESMC</b> : SyncE, ESMC Frames <b>D-Channel (24)</b> : ISDN, D-Channel Link
	Loopback Tool
	ISDN: Headset and DTMF is connected to B-Channel #x. Automatically muted for Data type B-Channels.
	<b>(BTS)</b> CPRI: Base Station emulation mode
	<b>(RRH)</b> CPRI: Remote Radio Head emulation mode

# Global Indicator

The global indicator displays the pass/fail verdict, global alarm, timer, and/or test duration.



Tap anywhere within the global indicator area to view the maximized view of these indicators.

# Test Control Buttons

	<b>Start TX</b>	Starts test. Available when the test is not running.
	<b>Stop TX</b>	Stops test. Available when the test is running.
	<b>Save Load</b>	Saves, loads, imports, exports, and deletes configuration file(s). Available when the test is not running.
	<b>Phone Book</b>	Save phone numbers. Save/load and import/export phone books.
	<b>Report</b>	Saves, opens, imports, exports, and deletes test report(s). Available when the test is running or stopped, but the report generation (save) is only possible when the test is stopped.
	<b>Laser (on)</b>	Indicates that the laser control is on (for at least one lane for parallel interface); the laser button has a red border. Tapping this button will turn off the laser (for all lanes for parallel interface). Only available with optical ports.
	<b>Laser (off)</b>	Indicates that the laser control is off (for all lanes for parallel interface). Tapping this button will activate the laser immediately by emitting an optical laser signal (on all lanes for parallel interface). Only available with optical ports.
	<b>Headset DTMF</b>	Connect/disconnect headset, adjust volume, and enter standard DTMF tones through hard or virtual keyboards.
	<b>Reset</b>	Clears results, statistics, and logger content. Available when the test is running.
	<b>Inject</b>	Injects alarms/errors based on settings from the Inject button from the Results - Alarms/Errors tab.
	<b>Discover Remote</b>	Discovers and connects to a remote module that loops back the traffic via Smart Loopback or Dual Test Set (DTS).
	<b>Lpbk Tool</b>	Loops back the Ethernet frames/packets that are received on the port unused by the main test application.
	<b>More/Less</b>	The More/Less button appears when there is not enough room to display all available test control buttons.

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# Quick Reference Guide

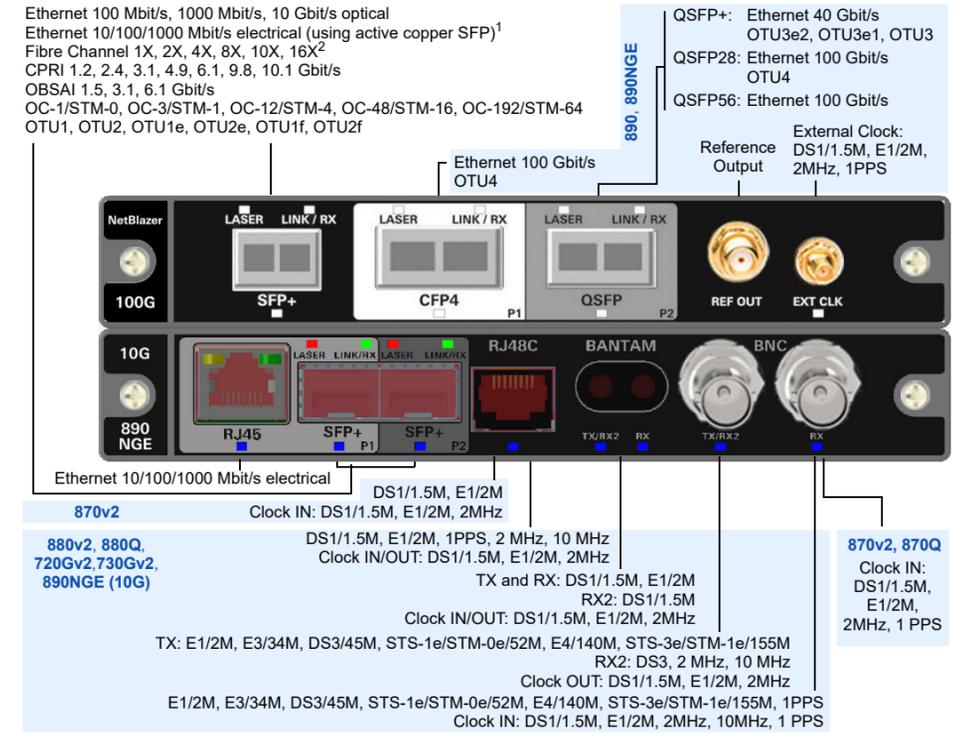
HIGH SPEED PORTABLE FIELD TESTER

# NetBlazer Series

7xx/8xx Modules

# Physical Interfaces

Connect the signal to the corresponding interface on the module. For optical interfaces, make sure to insert the proper SFP/SFP+/CFP4/QSFP and carefully connect optical fiber cables to the transceiver IN (RX) and OUT (TX) ports. The FTB-890NGE is shown below as an example for connector location purposes.



1. Available on P1 for 890/890NGE (100G) and on P2 for 880v2/880Q/720Gv2/730Gv2/890NGE (10G).
2. Available on 890/890NGE (100G).

**Note:** This quick reference guide covers the NetBlazer application only. Refer to the respective quick reference guides for iORF, OpticalRF, OTDR, and iOLM.

For more information, refer to the user guide.

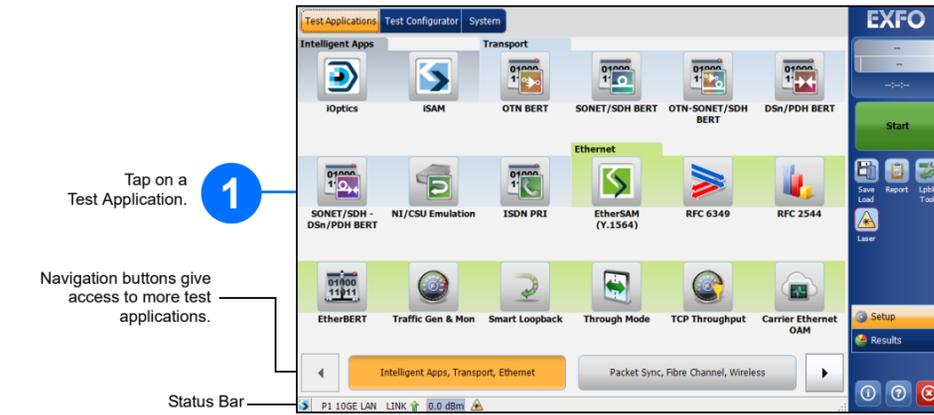


# Starting the Application

From ToolBox X, tap the NetBlazer application button.  
For 890NGE, only one application can run at once.



## Selecting, Configuring, and Starting a Test



- 1 Tap on a Test Application.
- Navigation buttons give access to more test applications.
- Status Bar

### For Intelligent Apps:

**iOptics**

- 2 Tap the desired port icon.
- 3 Once the transceiver is correctly detected, select its rate.
- 4 Select the test parameters and thresholds.
- 5 Tap the Start button to start the test.

### For Transport, Ethernet, Packet Sync, Fibre Channel, and Wireless:

- 2 Tap the **Modify Structure** button to set the basic structure of the test such as interface/rate, connector, etc.
- 3 For CFP4/QSFP interface, check for the CFP4/QSFP optical validation check mark  indicating that the CFP4/QSFP matches the configured interface/rate.
- 4 Tap the interface block to configure the interface/signal parameters. Ensure that the link is up (except for Transport applications) and the power level (when supported) is present in the status bar before proceeding to the next step.
- 5 Tap the protocol block to configure either the frame structure and its parameters for Ethernet test applications or the embedded signal for Transport test applications. This block is not present for all tests.

- 6 Tap the test block to configure specific test settings. This block is not present for all tests.
- 7 Tap the clock block to configure the clock synchronization.
- 8 Tap the Start button to start the test.
- Note: For advanced testing, tap the **Functions** button.

### iSAM

- 2 Select the basic port parameters or click on **More** for full settings. Ensure that the link is up and the power level (when supported) is present in the status bar before proceeding to the next step.
- 3 Select the basic test parameters or click on **More** for all settings.
- 4 Select the remote operation mode: **Dual Test Set**, **Remote Loopback**, or **Manual Loopback**.
- 5 Select the basic remote parameters or click on **More** for full settings.
- 6 Tap the Start button to start the test.