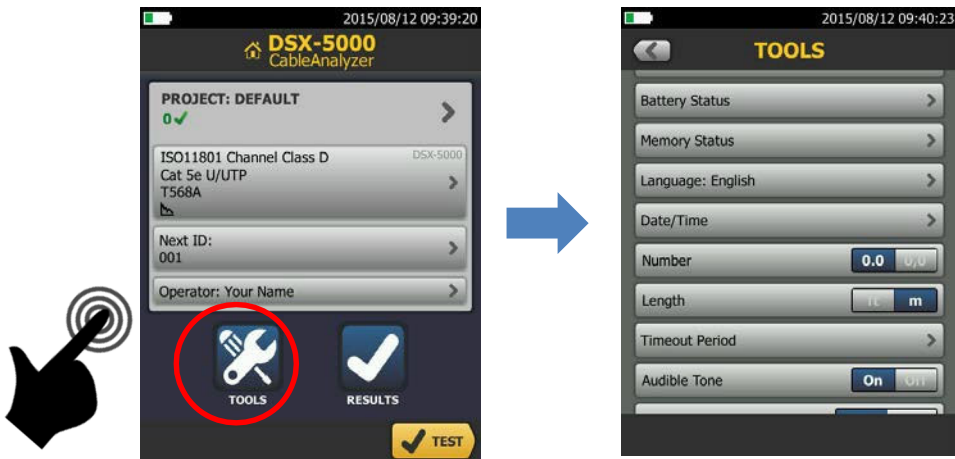


Information Network Cabling 02
Measurement Guidelines 2024
For DSX 5000/8000

Pre-setting

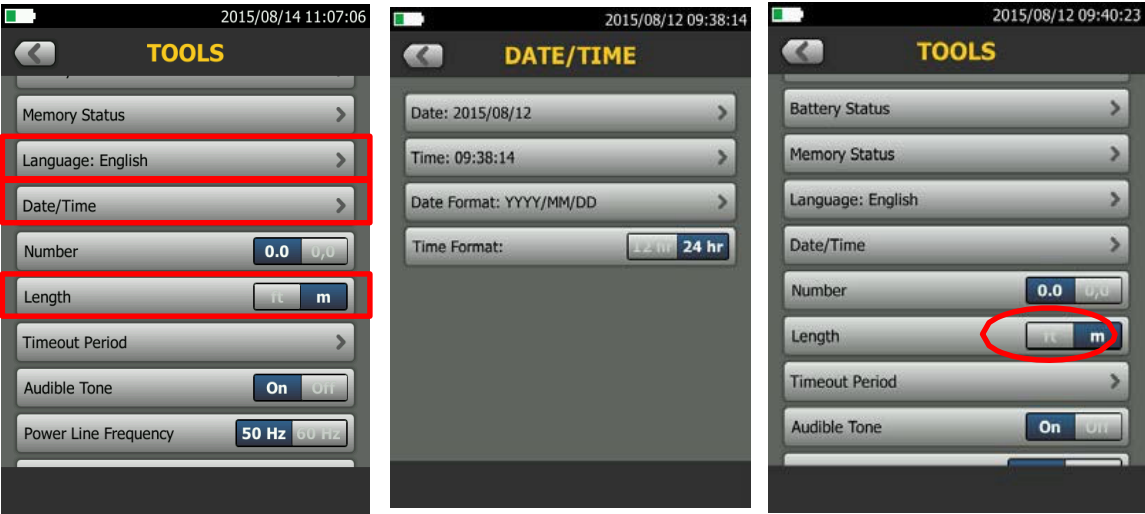
1. Select & Touch[TOOLS].



2. Set each parameter as below:

Table 1 Parameters for Pre-setting.

Language	Your choice (own language)
Date	Competition day (ex. 2024/09/14)
Length	m
Operator	Your country code (ex. JP)



OLTS

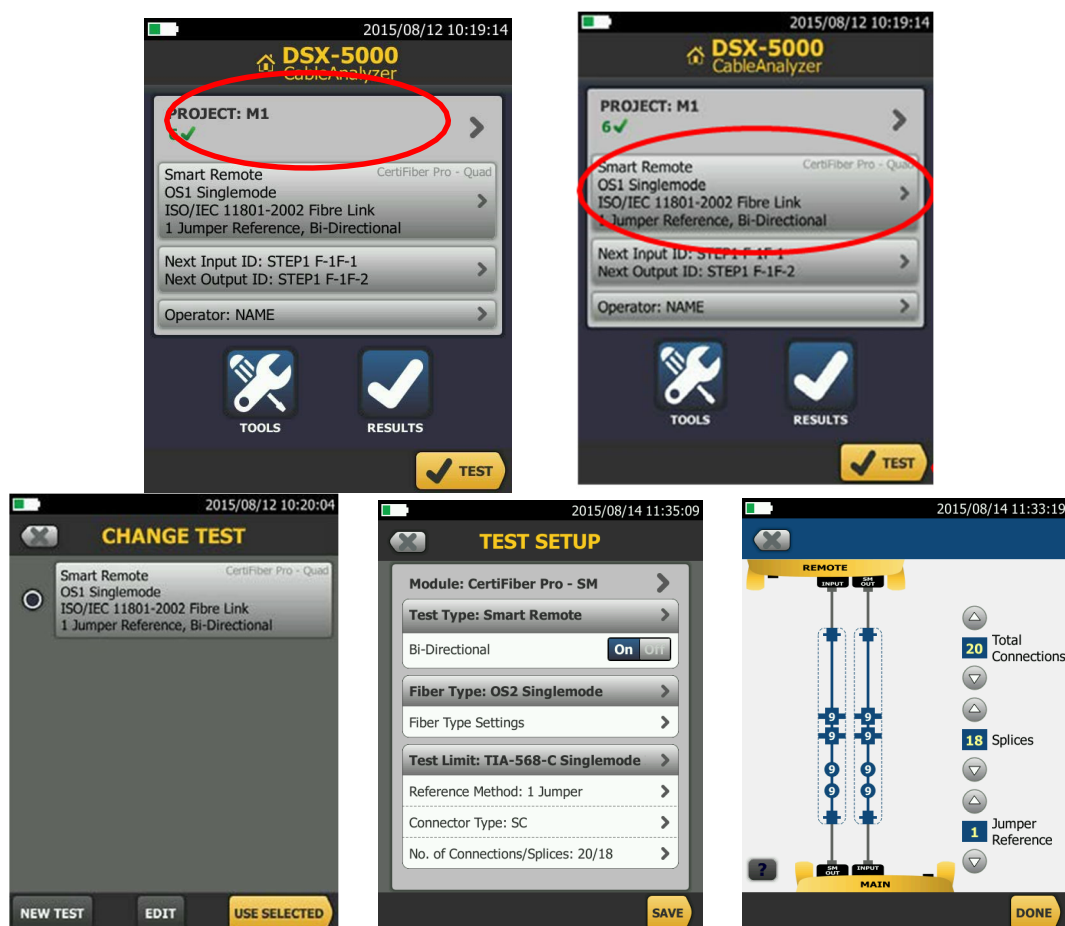
The measurement method for optical links must comply with ISO/IEC 14763-3. Refer to Table 2 for measurement parameters.

Table 2 Parameters for OLTS.

Project	Module No. (M1,M2,M4,M5)
Module	CertiFiber Pro – Quad OLTS
Test type	Smart Remote Bi-directional[ON]
Fiber type	OS1/OS2 Single mode※
Test Limit	ISO/IEC 11801-2002 Fibre Link
Reference Method	1 Jumper/2 Jumper/3 Jumper※
Connector Type	SC/LC※
No. of connections/Splices	※

※Depends on the TP

1. Select [New TEST]
2. Set parameters.

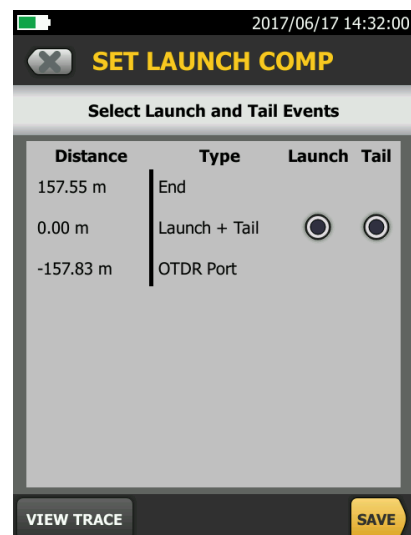
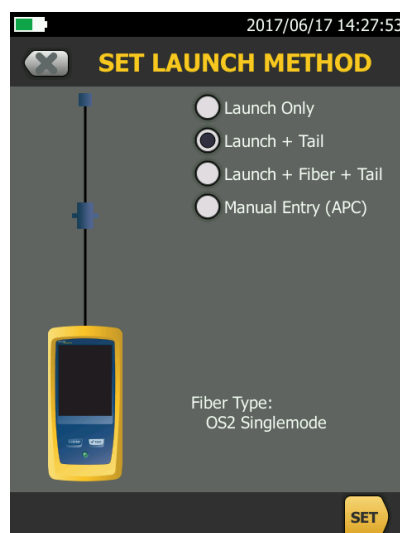


OTDR

The measurement method for optical links must comply with ISO/IEC 14763-3. Refer to Table 3 for measurement parameters.

Table 3 Parameters for OTDR.

Project	Module No. (M1,M2,M4,M5)
Module	OptiFiber Pro – Quad OTDR
Test type	Auto OTDR
Launch Compensation	On
Wavelength	1310nm/1550nm
Fiber type	OS1/OS2 Single mode※
Test limit	General Fiber

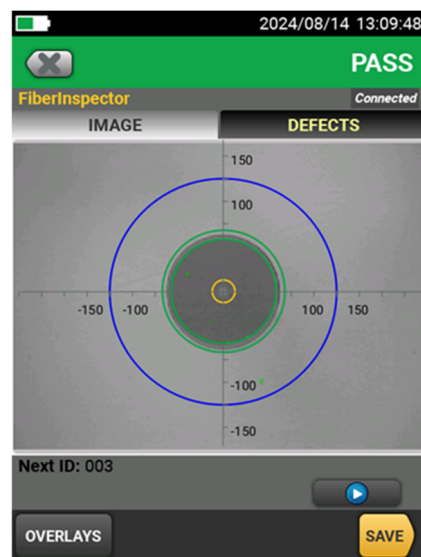
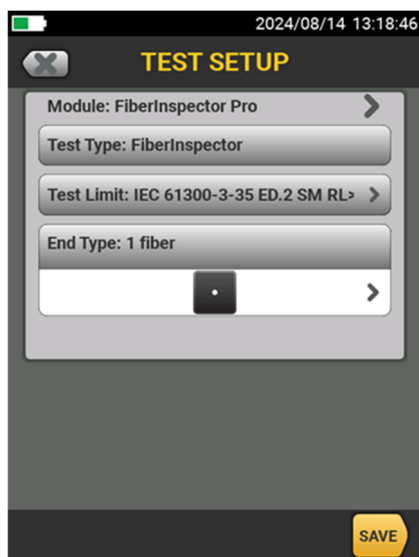


Fiber inspector

The measurement method for optical links must comply with ISO/IEC 14763-3. Refer to Table 4 for measurement parameters.

Table 4 Parameters for Fiber Inspector.

Project	Module No. (M1,M2,M4,M5)
Module	Fiber inspector Pro
Test Type	Fiber inspector
Test Limit	IEC 61300-3-35 ED.2 SM RL $\geq$ 26dB



xTP

Refer to Table 5 for measurement parameters.

Table 5 Parameters for xTP.

Project	Module No. (M1,M2,M4,M5)
Module	DSX-5000/8000 Cable Analyzer
Cable type	※1
Test limit	※1
Store Plot Data	On
HDTDR/HDTDX	Fail/Pass only ※2
Outlet configuration	T568A/T568B
AC Wire Map	Off

※1 Select the correct one based on the TP

※2 M5 may use this function.

Saving

1. Create a folder to store the files. The name of the folder should be the Module name.
(Ex. M1).
2. The file name must be as follows:
(Panel/Box name) – (Port. No.)
Ex. CDOPA-5 (CD-OP-A, port 5)
3. Save the file in the target folder. (Ex. If module 2: save in M2 folder.)