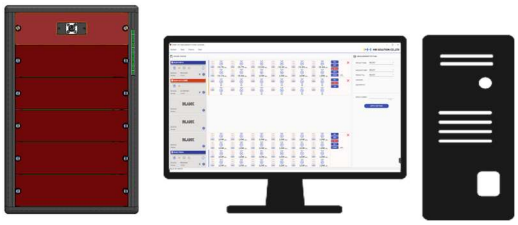
HM SOLUTION CO.,LTD

OPTICAL FIBER TEST SYSTEM
OFTS

KEY FEATURES

- Testing Optical Cable
- Support Multiple wavelengths testing simultaneously
- One Platform with multiple module
- Support internal data management



APPLICATIONS

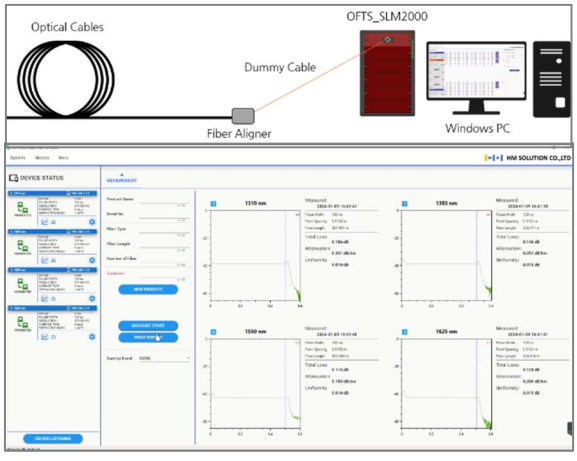
- Optical Fiber or Cable Manufacturer
- Testing Fiber Characterization

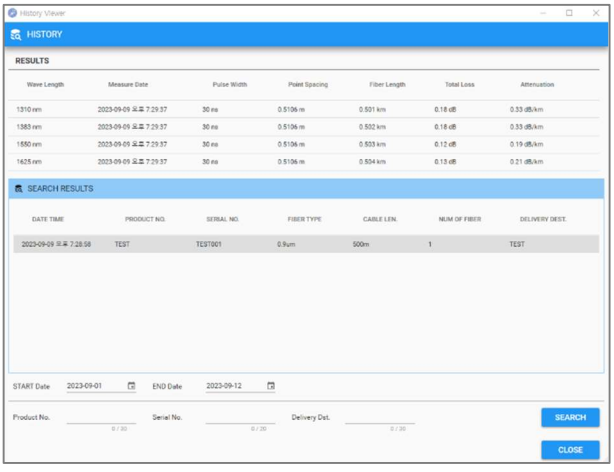
OPTICAL FIBER TEST SYSTEM (OFTS) is an automated testing one box platform for optical cable with multiple wavelengths. It is very efficient system to measuring optical cables characteristics and support multiple wavelengths measurement simultaneously.

OFTS is now supporting single mode testing for 1310nm/1383nm/1550nm/1625nm and multi-mode is optional (850nm/1300nm) Measurement parameters able to set independently per wavelengths.

Measurement	
Fiber Lengths(m)	Total Loss (dB)
Fiber Attenuation (dB/m)	Fiber Uniformity (dB)

All test results are stored into internal database after testing in complete and able manage all results





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Contact HM SOLUTION for prices and availability.

GENERAL SPECIFICATIONS

PARAMETER	SPECIFICATION	NOTE
Size(mm)	177 x 278 x 255	Main System
Weight (Kg)	5.5	
Power	DC12V / 5A	
OS	Windows 10 or above	External Operational PC
RAM	8MB or above	

TECHNICAL SPECIFICATIONS

Parameter	Specifications				Notes
Wavelengths(nm)	1310	1383	1550	1625	Multi-Mode also available (850nm/1300nm)
Type of Fiber	9/125um (SM)				
Wavelength Accuracy(nm)	+/- 20	+/- 2	+/- 20	+/- 10	
Dynamic Range	40dB	42dB	42dB	41dB	
Connector	FC/APC	FC/APC	FC/APC	FC/APC	
EDZ(m)	< 0.8				
ATZ(m)	< 2.5				
Sampling Rate (MHz)	400				

ORDERING INFORMATION

PART NO	DESCRIPTIONS	NOTE
OFTS-01	Optical Fiber Test System, Main Frame Included 12VDC/6A AC/DC Adaptor, USB Cable, Installation USB memory stick	
OFTS-1310	1310nm SM Internal OTDR Module	
OFTS-1383	1383nm SM Internal OTDR Module	
OFTS-1550	1550nm SM Internal OTDR Module	
OFTS-1625	1625nm SM Internal OTDR Module	
OFTS-850	850nm MM (50/125um) Internal OTDR Module	
OFTS-1300	1300nm MM (50/125um) Internal OTDR Module	

(1) Requires, internal OTDR module

(2) Require external PC or controller for operation (OS : Windows 10 or above)

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