

**TheFibers**<sup>®</sup>  
CREATIVE FIBERS

[www.thefibers.com](http://www.thefibers.com)

TheFibers

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Mr. Gyuchoel Han



**51** Countries,  
**79** Distributors



## New Products by TheFibers

2004 Pen Type Ferrule Cleaner (HUXCleaner™)

2005 Fiber Optic Inspector (HUXScope™)

2007 Cleaner Combined Scope (Scopleaner™)

2009 Optical Connector Cleaner (ReelClean500)

2011 Fiber Optic Thermal Stripper (FTS-900™)

2013 **Wi-Fi Fiber Inspector (HUXScope-WiFi)**

2014 MPO Inspector & Cleaner

2015 Under developping...

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# TheFibers

**Creative Fibers**

TheFibers is a R&D Venture company in Korea who manufactures and supplies advanced and featured ideal Fiber Optic Tools to the world market. TheFibers man-power have a long experience in Optical Fiber Products since 1996 and we are specialized in Fiber Optic Cleaner and Inspector specially.

TheFibers do best always to supply our products through same quality anytime, faithful mind anywhere and customer's required delivery. My team is developing new ideal fiber optic products every year and it will be introduced ONE BY ONE in the market continuously.





Fiber Optic Inspector  
**WiFi Version**

04



**No Cable Fiber Inspector!!**

**First in World**  
in Fiber Optic Inspector  
of built-in WiFi module

# HUXScope-WiFi

HUXSCOPE-WiFi™ is communicated with Apple iOS and Android Smartphone (WiFi) as well as PC/Laptop (USB) and it is very usefully device to inspect fiber optic ferrule in field. HUXScope-WiFi has Pass/Fail Analysis Software and it is no need exterior Wireless AP or Module.

## No need

- ▶ Extra monitor to inspect
- ▶ Exterior WiFi module
- ▶ Wi-Fi network

## Available

- ▶ Real-time reporting in field
- ▶ Temporary inspection at outdoor

## Operating

- ▶ For iOS and Android both
- ▶ iPhone, iPAD, Galaxy Tab
- ▶ Android Smartphone



Fiber Optic Inspector  
**WiFi Version**

05



\*Free App download at App Store and Google Play Store

# HUXScope-L

## Portable 5.6" LCD Version

HUXSCOPE™ is very usefully device to inspect ferrule in field. You can use it to inspect the connector installed inside hardware device. It can provide visual to you. So you can understand and control condition of your equipments easily. HUXSCOPE™ will be the best partner for your fiber optic business.

### Key Features

- ▶ One handed operation
- ▶ Wide 5.6" TFT LCD monitor
- ▶ Foldable Monitor and adjustable Angle
- ▶ Easy focusing and charging by AC 100~220V
- ▶ Save Data on PC by USB devic
- ▶ Brightness & Contrast adjustable
- ▶ Complied with RoHS

Fiber Optic Inspector  
**LCD Version**

06



Wide 5.6" TFT LCD Monitor  
Filed of Vision (400um x 300um)  
Rechargeable Battery type



# HUXScope-H

## Handheld 2.4" LCD Version

HUXSCOPE-H™ is very usefully device to inspect ferrule in field conveniently in front of fiber distribution frame. You can understand and control condition of your equipments easily.

### Key Features

- ▶ To inspect in field conveniently in front of fiber distribution frame (Both of bulkhead female side and male side)
- ▶ Handheld 2.4" TFT LCD Monitor
- ▶ Available several adaptor types
- ▶ Easy charging by AC 110/220V
- ▶ Tips like SC/FC/ST/E2000,etc.
- ▶ Complied with CE & RoHS



Fiber Optic Inspector  
**LCD Version**

07



To inspect in front of fiber distribution frame conveniently.

2.4" TFT LCD  
Size: 185mm(L) x 24mm(T)



# HUXScope-UE

## Inspector USB Version

HUXSCOPE™ is included Pass/Fail Software according to IEC 61300-3-35 and HUXScope-UE is very usefully device to inspect fiber optic connectors in field. You can use it to inspect the connector installed inside hardware device and capture the image to your computer.

### Key Features

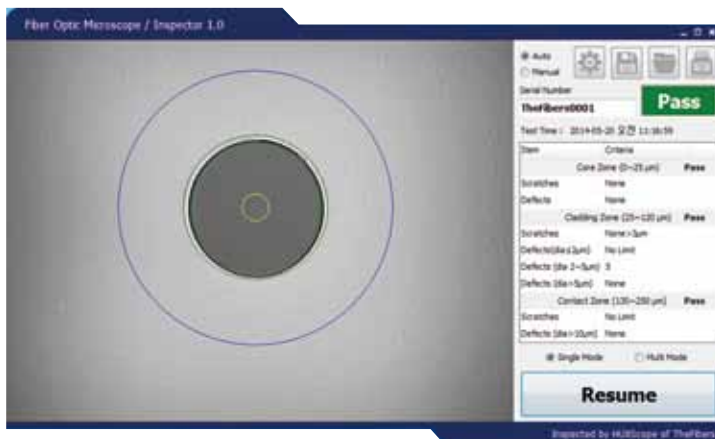
- ▶ Included Pass/Fail Software according to IEC 61300-3-35
- ▶ Very usefully device to inspect Fiber Optic Connectors in field
- ▶ One handed operation
- ▶ Simply Portable
- ▶ Low Price but good capacity
- ▶ Available several adaptor types Tips (Both Female / Male Tip)
- ▶ Electric Power by USB
- ▶ Save Tested Analysis Report on PC by USB device
- ▶ Control the display size
- ▶ Easy and usage by setup
- ▶ Anti-slip Grip design and Easy Focus
- ▶ Complied with RoHS
- ▶ CE/FCC approved

Fiber Optic Microscope/Inspector  
**USB Version**



08

**Free Download Pass/Fail Software**  
according to IEC 61300-3-35  
**Save Tested Analysis Report**



# FAInspector™

## Fiber Array(End Face) Inspector

FA Inspector™ is very usefully device to inspect End-face of Fiber Array in mass production line mainly as well as in field. You can use it to inspect before assembly of Fiber Array of 1-ch, 4-ch, 8-ch, 16-ch and 32-ch in PLC Splitter, etc.

### Key Features

- ▶ Very usefully device to inspect Fiber Array End-face
- ▶ Easy operation and Portable Type
- ▶ Wide 5.6" TFT LCD Monitor
- ▶ Low Price but good capacity
- ▶ Foldable Monitor and adjustable Angle
- ▶ Easy charging by AC 110/220V
- ▶ Save Data on PC by USB device
- ▶ Brightness & Contrast adjustable
- ▶ Anti-slip design and Easy Focus
- ▶ Complied with RoHS/CE
- ▶ USB Computer or CRT Monitor available



Fiber Array Inspector  
**LCD Version**

09

Easy operation and Portable Type  
USB Computer or CRT Monitor available

# Fiber Checker

Pen Type Visual Fault Locator  
for multimode and singlemode

Continuous  
or Pulse mode

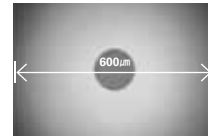


Tip-1.25

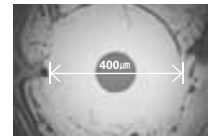
# HUXCleaner™

HUXCleaner™ is Pen Type In-Adaptor Ferrule Cleaner and it is no need to open the frame for ferrule cleaning inside of Adaptors. In the Fiber Optic Communication, the ferrule is used as final interconnect parts which is transfer light signal through optical fiber. The ferrule cleaning is the most important basis in the interconnects to prevent any signal error. Specially the back reflection specification which is issued more tightly at these days depend on any dust or oil, etc

**Much extended Cleaning Area**  
(1.25mm type)



HUXCleaner-1.25 Upgraded



Competitor

In-Adaptor  
**Ferrule Cleaner**



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**for LC**

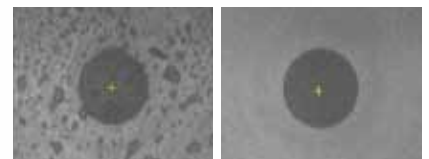


**for SC**



**OVER 500 WIPES  
PEN TYPE**

First in the World( Patented)



Before

After

Available for MPO/MTP, LEMO, Military, E2000, SMA, etc.

## Cleaning Kit



Available both of Cleaning and  
Scoping by one Cleaning Kit

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## Product Configuration



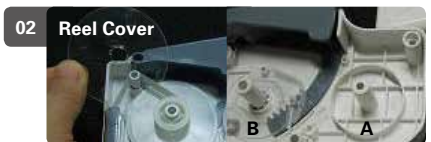
Duplex (blue body)

---

## MANUAL for Replacement Reel



01 Open ReelClean500 Body  
(Don't lose the screw during replacement)



02 Reel Cover  
Put-up the Reel Cover of Reel B and  
Dispose the used Reel A & B  
(Remember the cleaning fabric location  
in advance)



03 Open the new Reel vacuum packed and  
Insert Reel A and B in the Body

# ReelClean500™

Any Residues, Lints and Solvent Free

Best Cleaning Effect

(Guaranty Cleaning Results!!)

Over 500 Wipes

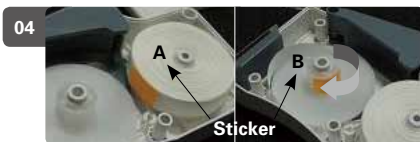


Vacuum Packing

Replacement Reel



Fiber Optic  
**Connector  
Cleaner**



04

Sticker

Take the sticker off of Reel A and Attach it to Reel B



05

Reel Cover

Wind the cleaning fabric in the exact location and Put-down the Reel Cover

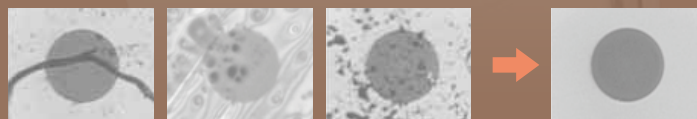


06

Close the Body and Pull the Handle 3 to 5 times before using



Use Dry Special Anti-Static Microfiber Fabric



Dust

Fingerprint

Dirt

After Cleaning

# SCOPLLEANER-5™

Fiber Optic Cleaner Combined Scope

**Solvent Non-Contact Cleaning System**

**Non-Flammable**

**Zero Ozone Depletion**

### Key Features

- ▶ Just One Step for "Scopping - Cleaning - Scopping"
- ▶ Within 5 seconds for "Scopping - Cleaning - Scopping"
- ▶ One handed operation
- ▶ Wide 5.6" TFT LCD Monitor
- ▶ Low Price but good capacity
- ▶ Foldable Monitor and adjustable Angle
- ▶ Low Noise of DC12V Motor Pump by AC 110/220V
- ▶ Save Data on PC by USB device
- ▶ Brightness & Contrast adjustable
- ▶ Easy and usage by setup
- ▶ Anti-slip Grip design and Easy Focus
- ▶ Complied with RoHS
- ▶ CE/FCC approved

Fiber Optic  
**Cleaner Combined  
Scope**



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No need inconvenience changing work "inspector to cleaner and cleaner to inspector" every time !!!  
Just One Step for "Scopping-Cleaning-Scopping"



Ministry of Knowledge Economy Prize Awarded



Patent Certificate



# FTTH FTS™

## Fiber Optic Thermal Stripper

FTS™ is very usefully device to strip coated fiber in FTTH/FTTx in field. You can strip your optical fiber by just one hand operating easily. Don't need put the Stripper on floor for stripping

### Suitable for

- ▶ For Single Fiber and 12-Ribbon Fiber Stripping
- ▶ Multi-port Products (like WDM, Splitter)
- ▶ Duplex Cable stripping
- ▶ Field stripping
- ▶ Prevent Fiber Break in frequent connection
- ▶ Institute and Development Dept



Fiber Optic  
**Thermal Stripper**

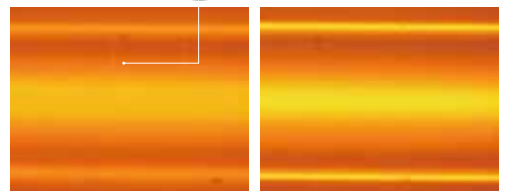


**No Fiber Scratch/Crack after stripping**  
**Available for Single Fiber and Ribbon Fiber**

After stripped  
by Mechanical  
Stripper



After stripped by FTS



# OCPM-18/ODPM-48

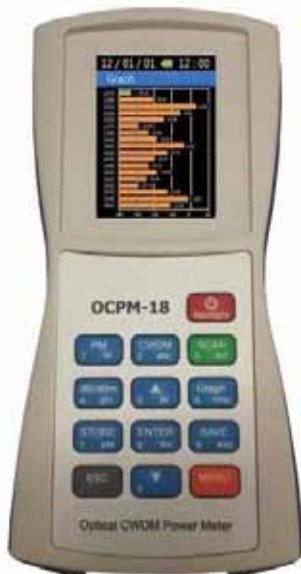
## Optical CWDM / DWDM Power Meter

For CWDM, DWDM, LTE, WiBro, 3G/4G, FTTx  
 Best reliability & too short measurement time  
 (full 18-channels <0.8sec, full 48-channels <3sec)  
 Simultaneous measurement of both optical power  
 and wavelength  
 Available ODPM-96 for DWDM 100GHz & 50GHz

### Key Features

- ▶ Simultaneous measurement of both optical power and wavelength
- ▶ Compact size, excellent portability and easy operation
- ▶ Applicable for wavelength optical network such as CWDM, DWDM, LTE, WiBro, 3G/4G, FTTx
- ▶ Fast response for full 18-channels or 48-channels
- ▶ Typical 5-pin Charger and USB data cable
- ▶ Color LCD and add to graphic display
- ▶ Quick start operation, requiring no warm-up time and reducing testing time
- ▶ Save stored measured data to PC

Optical CWDM / DWDM  
**Power Meter**



OCPM-18



ODPM-48

No driving-part inside  
 Too short measurement time



Close



Open



kit

# mPM-100

## Bluetooth Mini Power Meter

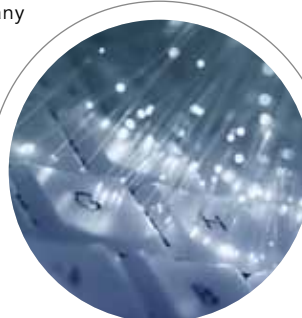
mini Power Meter (mPM-100) which is communicated with Computer as well as Smartphone (iPhone & Android phone both) via micro USB 2.0 or Bluetooth in field easily. mPM-100 is very small 102(w) x 32(h) x 24(d)mm. mPM can be operated as a stand-alone power meter with LCD, battery, buttons and LED indicators. Its universal 2.5mm adapter is used to accept FC, SC, ST, E2000 connectors for all single-mode and multimode applications such as FTTH, PON and CATV network. The multiple pre-calibrated wavelengths can meet any testing requirement for the variety applications. mPM has a built-in rechargeable battery.

### Key Features

- ▶ Very small and lightweight optical power meter
- ▶ Communicate with PC/Laptop as well as Smartphone (iPhone and Android) via micro USB 2.0 and Bluetooth included Smartphone Application Software and PC Software
- ▶ Calibrated multi wavelengths included 980nm and 1625nm
- ▶ Pass/Fail indication for in-field compliance

**mPM-100B-7** : 850nm, 980nm, 1300nm, 1310nm, 1490nm, 1550nm, 1625nm

**mPM-100B-5** : 850nm, 1300nm, 1310nm, 1490nm, 1550nm



Bluetooth Mini  
Power Meter



No Cable Optical  
Power Meter !!  
Bluetooth Interface  
with Smartphone  
(iPhone and Android)



## WPM

### Wavelength Power Meter for Wireless Communication

#### Key Features

- ▶ Automatic Wavelength Detection type
- ▶ Test Shifted Wavelength for out of CWDM bandwidth
- ▶ Applicable for WCDMA, Wibro (WiMAX), LTE, FTTx/PON, 3G/4G, etc.
- ▶ Also Works as a typical Insertion Loss (I/L) meter
- ▶ Data Storage upto total 1600/1800 measurements

## 3λPON

### 3-Lambda PON Power Meter

#### Key Features

- ▶ Simultaneous measurement of 1310/1490/1550nm (Voice/Data/Video)
- ▶ Auto Wavelength Detection type
- ▶ Handheld compact size and lightweight and cost-effective and easy operation
- ▶ Applicable for wavelength optical network such as FTTH / PON
- ▶ Applicable for WCDMA, Wibro (WiMAX), LTE, FTTx/PON, 3G/4G, etc.
- ▶ Also Works as a typical Insertion Loss (I/L) meter
- ▶ A robust, shock-proof, splash-proof design
- ▶ Data Storage upto 300 measurements

Wavelength/3-Lambda PON Power Meter



### Automatic Wavelength Detection type

don't need know wavelength before testing

## OFA-P Series

Optical Fixed Attenuators

### Key Features

**Fast Delivery:** 1 Day normally

**All Kind of Attenuators:** PC/APC, SM/MM, Plug/In-Line, SC/FC/ST/LC/MTRJ, 1dB to 30dB. Complied with Telcordia (GR-910-CORE and GR-1221-CORE).

**Vidual Test All by 800X:** Three Times (After Polishing, Before Assembly, Before Delivery)

**100% Geometrical Inspection :** Radius(10-25mm/PC), Offset(0-50um), Fiber Height(+/-50nm)

High Optical Power Endurance up to 1000mW(=1W)

All Premium Type / Over 500 matings

## FIC-FLAT Series

Field Installable Connectors for Flat Cable

### Key Features

▶ For both of FTTH 3x2mm and 2x1.6mm Flat Cable

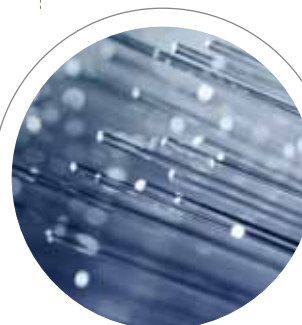
▶ Field installable, Cost effective, User friendly

▶ No Electricity required

▶ Less than 1 min, Field assembly time

▶ Reliable and superior optical performance

▶ Cable Tensile test complied with Telcordia GR-326-CORE



Series of  
**Passive  
Components**

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OFA-P Series

No Polish required  
No Epoxy required (Reusable)  
No Tool required (1st in the world)



FIC-FLAT Series

# CREATIVE FIBERS



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