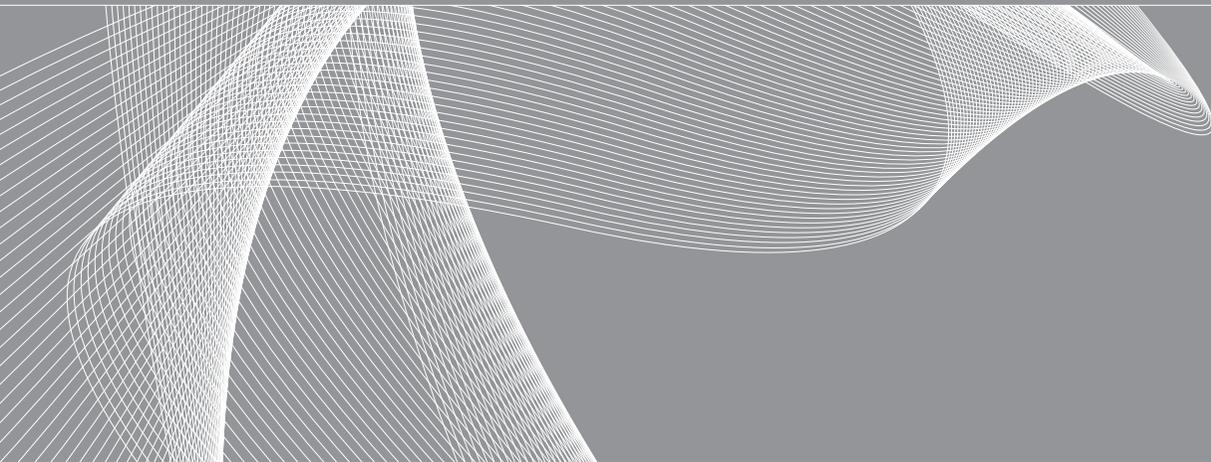




SENKO
SENKO GROUP® Advanced Components

TERMINATION & INSPECTION *CATALOGUE*





Ever increasing bandwidth and data rates in optical communications mean that the inspection and cleaning of the fibre end face and their corresponding device interfaces is vital to maintain signal integrity. The need for inspection and cleaning has moved well beyond the

laboratory and factory and has become essential practice in the field. Contamination of the fibre end-device interface is responsible for more than 80% of network downtime, so effective cleaning of these solvent and dust sensitive interfaces is an obvious means to maximise

system performance. Costly laboratory standard tools need to be supplemented with economical, portable and flexible systems that are operated easily by maintenance engineers. Senko has developed a modular “kit” approach to inspection and cleaning, which

can be tailored to different applications depending on the situation of the optical connection and user requirements.

XP FIT PLUS

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- TERMINATION KIT
- SC & LC FIELD ASSEMBLY CONNECTORS

STAND ALONE CHECKERS

pg. 06/07

- POWER METERS
- FIBER CHECKER
- LIGHT SOURCE
- LIGHT SOURCE SFP PLUG IN MODULES

RAPID CURE TERMINATION KIT

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- PROFESSIONAL
- COMPLETE
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STAND ALONE PRODUCTS

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- IN ADAPTER TIPS FOR FTTX FIBER VIEW
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CARTRIDGE TYPE CLEANING UNITS

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- CLEANCORE
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CLEANING AND INSPECTION KIT

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- SCK-FTTX 100
- OPTICAL MICROSCOPES
- MICROSCOPE ACCESSORIES
- SCK-FTTX 300
- SCK-FTTX 300 -CLEANZONE
- SCK-FTTX 400
- SCK-FTTX 400 -CLEANZONE
- SCK-FTTX 500
- SCK-FTTX 500 -CLEANZONE

XP FIT PLUS TERMINATION KIT

The Connector Installation Tool Kit contains everything needed for installation of the SC and LC XP FIT PLUS connectors.

No epoxy, polishing film, or other consumables are required, and there is no need for electrical power, allowing installers to get in and out of installation sites quickly.



ORDER CODE: **X P F - P - F**

KIT Content with Flat Cleaver

	TOOL	SENKO PN
Kit Including Single Action Cleaver	Jacket and 250µm Fiber Stripper + 125µm Buffer Remover	AFT-T-223-H
	Thermal Buffer Removal Tool	AFT-T-TBR
	Replacement Blade Set	AFT-T-TBR-R
	Precision Cleave Tool (Flat)	AFT-T-CL-SMT
	Lint Free Dry Wipes	AFT-A-KW
	Fiber Optic Cleaning Pen	AFT-A-EWP
	Kevlar Scissors	AFT-T-KS
	Fibre Disposal Unit	AFT-A-FU
	Fine Permanent Marker Pen	AFT-A-PMB
	Fibre Checker	AFT-G-FC
	2.5mm to 1.25mm Adapter	AFT-G-CAC
	Soft Case	AFT-A-CS-XP

KIT Content with Angled Cleaver

ORDER CODE: **X P F - P - A**

The contents of this Kit are the same as the XPF-P-F, but alternatively, includes an Angled Cleaver.

XP FIT PLUS

CONNECTOR TOOLS

The XP Fit Plus Connectors are supplied in conjunction with specific tools for easy termination in the field.

The XP Fit Plus SC 900µm pack includes:

- 10 pcs. SC SM PC connectors
- 10 pcs. Boots
- 1 Fiber Holder
- 1 Assembling Jig



The same tools are provided for LC XP FIT PLUS.

FEATURES

- Fast installation to minimize onsite labour costs.
- Compatible with conventional LC & SC Connectors
- Easy operation
- Quick assembly in under 2 minutes
- No adhesive or polishing required
- Compact tool without electric power

XP FIT PLUS

SC FIELD ASSEMBLY CONNECTOR



The SENKO XP Fit Plus is a pre-polished, pre-assembled connector compatible with standard SC and LC connectors. No epoxy is required as an internal mechanical grip effectively holds the fiber in place and can be installed in under two minutes. Without polishing or adhesives, the XP Fit Plus makes on site installations quick and easy, diminishing the need for epoxy curing and hand polishing at the work site. The XP Fit Plus comes with an assembly jig and fiber holder for 250µm and 900µm tight buffered fiber, ensuring accurate alignment and fiber cleave when terminating.

XPfit Plus SC Connector 900µm

TYPE	PART NUMBER	DESCRIPTION	COLOR		
			HOUSING	BOOT	DUST CAP
SM PC	318-191-627	XPfit Plus SC Connector SM PC 900µm	Blue	White	Transparent
SM APC	318-091-427	XPfit Plus SC Connector SM APC 900µm	Green	White	Transparent
MM 50/125	318-291-727	XPfit Plus SC Connector MM 50/125 900µm	Black	White	Transparent
MM 62.5/125	318-391-927	XPfit Plus SC Connector MM 62.5/125 900µm	Beige	White	Transparent
MM 50/125 10G OM3	318-491-527	XPfit Plus SC Connector MM 50/125 10G OM3 900µm	Aqua	White	Transparent

ORDER CODE EXAMPLE:

318-491-527

XPfit Plus SC Connector 250µm

TYPE	PART NUMBER	DESCRIPTION	COLOR		
			OUTER HSG	BOOT	DUST CAP
SM PC	318-191-617	XPfit Plus SC Connector SM PC 250µm	Blue	White	Transparent
SM APC	318-091-417	XPfit Plus SC Connector SM APC 250µm	Green	White	Transparent
MM 50/125	318-291-717	XPfit Plus SC Connector MM 50/125 250µm	Black	White	Transparent
MM 62.5/125	318-391-917	XPfit Plus SC Connector MM 62.5/125 250µm	Beige	White	Transparent
MM 50/125 10G OM3	318-491-517	XPfit Plus SC Connector MM 50/125 10G OM3 250µm	Aqua	White	Transparent

ORDER CODE EXAMPLE:

318-091-417

XP FIT PLUS

LC FIELD ASSEMBLY CONNECTOR



XPfit Plus LC Connector 900µm

TYPE	PART NUMBER	DESCRIPTION	COLOR		
			HOUSING	BOOT	DUST CAP
SM PC	951-191-111	XPfit Plus LC Connector SM PC 900µm	Blue	White	Transparent
MM 50/125	951-291-811	XPfit Plus LC Connector MM 50/125 900µm	Black	White	Transparent
MM 62.5/125	951-391-211	XPfit Plus LC Connector MM 62.5/125 900µm	Beige	White	Transparent
MM 50/125 10G OM3	951-491-911	XPfit Plus LC Connector MM 50/125 10G OM3 900µm	Aqua	White	Transparent

ORDER CODE EXAMPLE:

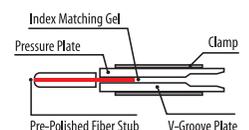
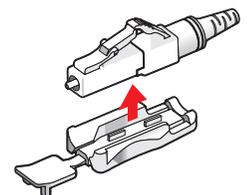
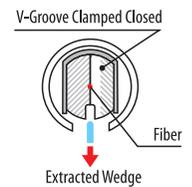
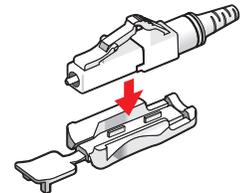
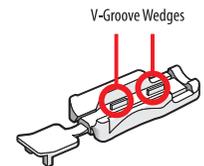
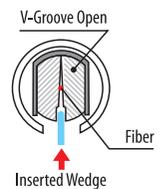
951-491-911

APPLICATIONS

- Telecommunications
- Network Monitoring
- FTTX

FEATURES

- Highly Stable & Reliable
- Perfect Performance
- Compact Package
- RoHS Compliant



POWER METER



ORDER CODE SM POWER METER 1310/1550nm 2 DIGITS :
AFT-G-FM-2DG-S

ORDER CODE SM POWER METER 1310/1550nm 3 DIGITS:
AFT-G-FM-3DG-S

ORDER CODE MM POWER METER 850/1300nm 2 DIGITS:
AFT-G-FM-2DG-M



2.5 mm to 1.25 mm Adapter

ORDER CODE
AFT-G-CAM

The Power Meter measures power in both 850 nm / 1300 nm (Multimode) and 1310nm ~ 1625nm (Singlemode) respectively.

Wavelength (Multimode)	850 nm/ 1300 nm
Optical Power Range (Multimode)	-30 dBm ~ -15 dBm
Wavelength (Singlemode)	1310nm ~ 1625nm
Optical Power Range (Singlemode)	-40dBm ~ +5dBm
Battery	AAA 1.5Vx2
Resolution	1 dB/ 0.1dB
Fiber Connector	Universal Type
Display	2 digits/3 digits LED
Operating Temp.	0 ~ 50°C
Storage Temp.	0 ~ 70°C

FEATURES

- Robust & handy design with LED display
- Easy checking of Multimode and Singlemode output power 850nm ~ 1625nm
- Universal 2.5 mm to 1.25 mm adaptor for SC / ST / FC / LC / MU Connector
- 2 digits / 3 digits resolution with low voltage warning
- Battery warning LED display
- Multimode 850nm / 1300nm power measurement range -30dBm ~ -15dBm
- Singlemode 1310nm / 1625nm power measurement range -40dBm ~ +5dBm

FIBER CHECKER



ORDER CODE FIBRE CHECKER
AFT-G-FC



2.5 mm to 1.25 mm Adapter

ORDER CODE
AFT-G-CAC

Refraction of the 650nm red light caused by any breaks and or cracks in the fiber will glow red, thus giving an exact visual location of the fault in the fiber.

Laser Class	Class 2M
Wavelength	650 nm +/-10 nm@ 25
Spectral Width	< 10 nm
Output Power	>0.5 mW@ 25 into singlemode fiber
Mode	CW/ Pulse
Battery Type	AAA 1.5Vx2
Output Power Reliable	+/-0.2 mW
Transmitting Range	Visibility to 3 Km
Operating Temp.	0 ~ 50°C
Storage Temp.	0 ~ 70°C

FEATURES

- Robust & handy design
- Dust-free cap to protect LD
- Continuous / Pulse Mode options
- Emitting LD 650 nm visible red light
- Auto Power Control circuit design to provide a stable LD output power
- Low Voltage Battery warning signal in LED
- Universal 2.5 mm ferrule to 1.25 mm adaptor
- Compatible to SC / ST / FC / LC Connectors
- Visibility to 3 Km

LIGHT SOURCE



Laser Class	Class1
Wavelength(nm)	Select the required wavelength SFP Plug-In module from the section below and order separately.
Output Power	1mW @ 25°C into singlemode fiber
Mode	CW/2 kHz Pulse
Battery Type	AAA 1.5Vx2
Output Power Accuracy	+/-0.2 dB
Stability (8 Hours)	+/-0.05 dB
Operating Temp.	0~ 50°C
Storage Temp.	0~ 70°C

Light Source is ideal for field or laboratory testing of optical communication systems at 850 nm / 1300 nm for datacom testing, 1310 nm / 1550 nm / CWDM 1270 nm ~ 1625 nm (20 nm spans) for all WDM testing, as well as 1490 nm for FTTx testing by using interchangeable SFP transceiver modules. Light Source features zero warm up time, superb productivity and has an easy to use, pocket-sized, rugged design.

ORDER CODE LIGHT SOURCE MAINFRAME

AFT-G-MF-LS

FEATURES

- No pre-warm up time
- Interchangeable SFP module design for wavelength flexibility
- High Output Power Stability
- Excellent output wavelength stability
- Excellent re-connection repeatability
- Low Voltage Battery warning
- Compatible to LC Connectors
- Economic type and easy to use

Light Source SFP Plug-In Modules*



ORDER CODE

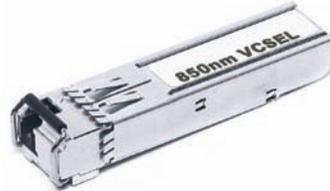
SM LIGHT SOURCE FP SFP MODULE 1310nm

AFT-G-LS-S-1310

ORDER CODE

SM 1550 SFP MODULE

AFT-G-LS-S-1550



ORDER CODE

MM LIGHT SOURCE SFP MODULE 850nm VCSEL

AFT-G-LS-M-850

ORDER CODE

MM 1300 SFP MODULE

AFT-G-LS-M-1300

FEATURES

- Lightweight and portable.
- Excellent wavelength stability.
- Excellent output power stability.

*Other Wavelength options such as 850, 1300, 1310, 1550 1270, 1290, 1310, 1330, 1350, 1370, 1390, 1410, 1430, 1450, 1470, 1490, 1510, 1530, 1550, 1570, 1590, 1625 available upon request.



RAPID CURE TERMINATION KIT



Professional

ORDER CODE

AFT-PRO

This Kit is a comprehensive Rapid Cure Field termination solution. Includes all the tools contained in the AFT-C125 and AFT-C250 kits to maximize the functionality and flexibility of the kit. Suitable for both MM and SM 1.25mm/2.5mm ferrule types

FEATURES

- Interchangeable SM and MM Light-Sources
- Termination of SM and MM 1.25mm and 2.5mm Ferrule Types
- Testing of SM and MM 1.25mm and 2.5mm Ferrule Types
- Rapid Cure Adhesive curing time 2 ~ 3 minutes

RAPID CURE TERMINATION KIT



Complete

These Kits expand on the functionality and flexibility offered by the FT-T0125 and FT-T0250 kits with the addition of a portable (hand held) light source and fiber meters. With power ranges of +5dBm ~ -40dBm (SM) and -15dBm ~ -30dBm (MM), these small, rugged and lightweight meters are ideally suited for use in the field. Both kits are suitable for MM and SM.

ORDER CODE

AFT-C125*

ORDER CODE

AFT-C250**

FEATURES

- Interchangeable SM and MM Light-Sources
- Termination of SM and MM 1.25mm (FT-T0125) and 2.5mm (FT-T0250) Ferrule Types
- Testing of SM and MM 1.25mm (FT-T0125) and 2.5mm (FT-T0250) Ferrule Types
- Expand Flexibility with the purchase of separately sold 1.25mm or 2.5mm Tools
- Rapid Cure Adhesive curing time 2 ~ 3 minutes

* for 1.25mm Small Form Factor Connectors

** for 2.5mm Standard Connectors

RAPID CURE

EPOXY

FEATURES



ORDER CODE

AFT - A - ANA

With a fast curing time, high resistance to temperature, humidity and damp, Rapid Cure Adhesive is ideally suited for field termination of fiber optic connectors. When fully cured, Rapid Cure Adhesive has a very high glass transition temperature, helping to reduce pistoning.

- No heat source required for curing.
- Cures in 2~3 minutes.
- Not instant, giving more time to insert fiber.
- Resistance to high temperature, humidity and damp environments.
- Very high glass transition temperature.

TOOL	PART NUMBER	KIT				
		PRO	AFT-C125	AFT-C250	AFT-T0125	AFT-T0250
Jacket Stripper Adjustable 0.5mm ~ 4mm	AFT-T-223	•	•	•	•	•
Jacket/Buffer Stripper 2mm, 250µm and 125µm	AFT-T-223-H	•	•	•	•	•
Thermal Buffer Removal Tool	AFT-T-TBR	•	•	•		
Replacement Blade Set	AFT-T-TBR-R	•	•	•		
Cleave Tool	AFT-T-CT	•	•	•	•	•
Crimp Tool (SC, ST and FC)	CRT-401	•		•		•
Crimp Tool (LC & MU)	CRT-701	•	•		•	
Rapid Cure Adhesive	AFT-A-ANA	•	•	•	•	•
Alcohol Wipes	AFT-A-AW	•	•	•	•	•
Kim Wipes	AFT-A-KW	•	•	•	•	•
Kevlar Scissors	AFT-T-KS	•	•	•	•	•
Knife	AFT-T-KN	•	•	•	•	•
Fibre Disposal Unit	AFT-A-FU	•	•	•	•	•
Fine Permanent Marker Pen	AFT-A-PMB	•	•	•	•	•
Syringe and Needle	AFT-A-SY/AFT-A-NL	•	•	•	•	•
SM Fibre Meter	AFT-G-FM-S	•	•	•		
MM Fibre Meter	AFT-G-FM-M	•	•	•		
SM Light Source Module	AFT-G-LS-S	•	•	•		
MM Light Source Module	AFT-G-LS-M	•	•	•		
Light Source Mainframe	AFT-G-MF-LS	•	•	•		
2.5mm to 1.25mm Fibre Meter Adapter	AFT-G-CA	•	•	•		
200x Microscope	SCK-OS200	•				
Polishing Film 15µ (x 10)	LFC030-5NP	•	•	•	•	•
Polishing Film 3µ (x 10)	LFD200-SS-CD	•	•	•	•	•
Polishing Film 0.5µ (x 10)	LFD300-SS-CD	•	•	•	•	•
FOS Film (x20)	LFOS01-5N	•	•	•	•	•
Polishing Puck (2.5mm)	AFT-A-PUK-2.5-UNI	•		•		•
Polishing Puck (LC 1.25mm)	AFT-A-PUK-1.25-UNI	•	•		•	
Polishing Pad (60 Duro)	RUGNG55.0-60	•	•	•	•	•
Polishing Pad (90 Duro)	RUGNG55.0-90	•	•	•	•	•
Test Lead LC - ST 2m	J-21-321-521-1441-0020	•		•		
Test Lead LC - SC 2m	J-21-031-321-1441-0020	•		•		
Test Lead LC - LC 2m	J-21-321-321-1441-0020	•	•			
ST - FC Hybrid Adapter	284-101	•		•		
SC - SC Adapter	222-101-2N	•		•		
LC - MU Hybrid Adapter	M90-102	•	•			
AAA Battery	AFT-A-BT	•	•	•		

STAND-ALONE

FTTX FIBER VIEW

FEATURES



The FTTX FIBERVIEW ultra light analogue probe connects to the extremely rugged and compact 2.5" TFT hand-held monitor with a display magnification of x150 (x200 option available on request). The analogue probe is side mounted on the monitor. An additional optional probe allows the user to inspect both patchcord and In-adapter end face in one process.

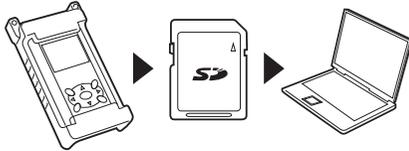
- Low Cost - Small compact size, light weight
- Highly Portable - Single handed focusing
- Optional 2nd Probe
- Optical Resolution to 1.25um
Field Of View 250 microns Vertical and 340 microns Horizontal
- Standard 2.5mm PC Tip
- Other Tips Available
- Rugged 2.5" TFT Display, with built in stand and option for strap
- Video Capture MPEG Format (With Voice Record Option)
- Lightweight Soft Carry Bag
- Side Clip for hands free mounting of Probe
- >8 Hours Battery Life Continuous Use Typical
- Menu Driven On Screen Brightness-Contrast-Colour Control
- Voice Record function
- Headphone Port
- USB 2.0 Port

Content

Stand-Alone FTTX Fiber View – FTTX Video Probe, Soft Carry Bag, AC Charger, 2.5mm – Universal Patchcord Tip, Hand-Held Monitor with SD Card – Tip Box.

ORDER CODE:

SCK-VM1000-2



The hand-held monitor, via the menu driven user interface, provides the user with full access to either the user installed SD memory card, internal Nand-Flash memory or externally connected hard drive, to facilitate capturing of MPEG video files, with voice. All files can be transferred to a PC or Laptop and single images extracted for reports as required.



FTTX FIBERVIEW TIPS

	SCK-FTV-LC/MU	LC and MU In Adapter Tip		SCK-FTV-SC/FC	SC and FC In Adapter Tip
	SCK-FTV-SCAPC	SC APC In Adapter Tip		SCK-FTV-ST	ST In Adapter Tip
	SCK-FTV-PC250	2.5mm Universal Tip For Digital FTTX Fiber View		SCK-FTV-APC250	2.5mm APC Universal Tip

Other available tips:

- SCK-FTV-PC125 as 1.25mm Universal Tip
- SCK-FTV-APC125 as 1.25mm APC Universal Tip
- SCK-FTV-LCAPC as LC APC In Adapter Tip
- SCK-FTV-FCAPC as FC APC In Adapter Tip

STAND-ALONE

DIGITAL FIBER VIEW



The Digital FIBERVIEW probe receives all of its power supply requirements through direct connection to the USB port on either a PC or Laptop. The probe supports variable magnification which is controlled via a proprietary software suite. This software suite also permits the end user to complete a full, automatic analysis of the ferrule end face, as viewed, for contamination and scratches against user-definable accept/reject criteria.

FEATURES

- Highly Portable
- Optical Resolution to 0.5um
- Variable Magnification
- Standard 2.5mm PC Tip
- Other Tips Available
- Analytical Software
- Lightweight Rugged Carry Case

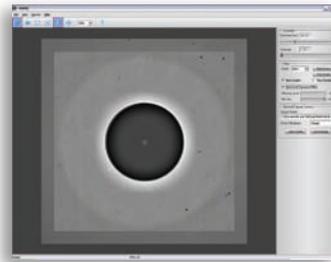


Content

Stand-alone Digital Fiber View comprising: Digital Video Probe, Soft Carry Bag, 2.5mm Universal Patch cord tip, CD with Analytical software, Tip Box.

ORDER CODE:

SCK-VM1000-3



STAND-ALONE

TELECOM FIBER VIEW



The Telecom FIBERVIEW analogue probe which has an optical resolution down to 1.0 micron (Viewable Down To 0.5 Microns) connects to a battery powered 3.5" TFT screen with a display magnification of x200. The Telecom FIBERVIEW is supplied in a soft carry bag with shoulder strap and software that will allow you to capture images of the ferrule end face onto a Laptop or PC

FEATURES

- High Performance
- Optical Resolution to 1.0 um (viewable down to 0.5 microns)
- 3.5" TFT Display
- Magnification x200
- Field OfView 250 microns vertical and 360 microns horizontal
- Standard 2.5mm PC Tip
- Other Tips Available
- Image Capture Software

Content

Stand-Alone Telecom Fiber View – Telecom Video Probe, Soft Carry Bag, AC Charger, 2.5mm Universal Patchcord Tip, Hand-Held Monitor with USB Port – USB Lead, Tip Box, CD With Frame Grabber Software

ORDER CODE:

SCK-VM1000-1

IN-ADAPTER TIP Telecom/Digital Fiber View

TELECOM/DIGITAL FIBER VIEW TIPS		
	SCK-DFV-LC	LC In Adapter Tip
	SCK-DFV-MU	MU In Adapter Tip
	SCK-DFV-SC	SC In Adapter Tip
	SCK-DFV-FC	FC In Adapter Tip
	SCK-DFV-ST	ST In Adapter Tip
	SCK-DFV-SCAPC	SCAPC In Adapter Tip
	SCK-DFV-LEMO-F	LEMO Female In Adapter Tip
	SCK-DFV-E2KPC	E-2000 In Adapter Tip
	SCK-DFV-PC250	2.5mm Universal Tip
	SCK-DFV-PC125	1.25mm Universal Tip
	SCK-DFV-APC250	2.5mm APC Universal Tip

Other available tips:

- | | |
|----------------|--------------------------|
| SCK-DFV-FCAPC | FCAPC In Adapter Tip |
| SCK-DFV-LEMO-M | LEMO Male In Adapter Tip |
| SCK-DFV-APC125 | 1.25mm APC Universal Tip |

CARTRIDGE TYPE CLEANING UNITS

CLEANCORE



CleanCore



Replacement Cartridge

The CleanCore cassette is supplied with a removable cartridge containing the cleaning fabric. The cartridge supports 400 cleaning cycles. Replacement cartridges can be purchased and installed into the CleanCore cassette, by simple unscrewing two retaining screws on the side of the unit. The cleaning fabric has a super fine cross woven weave, which permits dry cleaning of a fibre optic connector end face, through the simple action of two wipes down the length of exposed cleaning fabric.



Type A - 2 Slot



Type B - Single Slot (Open Window)

APPLICATION

- Fiber network panels and assemblies
- Outdoor FTTH applications
- Cable assembly production facility
- Testing laboratories
- Servers, switches, routers and OADMS with SC, FC, ST, MU and LC interface

FEATURES

- Designed for all types of ceramic ferrule Connectors
- Compact size for easy hand-held operation
- Dry-clean without the use of harmful substances
- Replaceable cartridge (400 Cleaning Cycles)
- Constructed with anti-static Material

Specification

DRIVING METHOD	MANUALLY-PRESSED, FIXED-LENGTH FORWARDING	
Dimension (mm)	134mm L x 100mm W x 36mm	
Weight	< 85g	
Supported Connectors	Standard	SC , FC, ST, DIN, D4, SMA
	Small Form Factor	MU, LC
TYPE A (2 Slot) and TYPE B (Single Slot) Supported		

ORDER CODE CLEANCORE Type A (2 slot):

SCK-COR-100-A

ORDER CODE CLEANCORE Type B (Single slot):

SCK-COR-100-B (Open Window)

ORDER CODE REPLACEMENT CARTRIDGE:

SCK-CAS-400



CARTRIDGE TYPE CLEANING UNITS

CLEANZONE

FEATURES

- Patent Applied
- Automatic, electronically controlled, variable cleaning cycle 1-2 seconds (Trigger Operated).
- Dry clean solution for 1.25mm and 2.5mm connectors
- Field portable, high performance, rugged.
- 900 Cleans Per 2.5 mm Replaceable Cartridge And 1200 Cleans Per 1.25mm Replaceable Cartridge.
- Built in Usage Indicator.
- Individual cartridges for 1.25mm and 2.5mm ferrule based connectors.
- Motor driven cleaning head.
- Operates off 2 x standard AA batteries.
- Extensive range of tip adaptors to support open market connector styles. FC, SC, ST, E-2000, LC, MU, LEMO. Design supports PC/UPC/APC ferrule types.
- Minimum cleaning zone 400 microns.
- Removes grease, dust, and other organic and inorganic contaminants
- Maximum weight 270 grams.
- Long reach nose (76 mm including tip adaptor) to ease access into ODF's
- Operating Temperature range -20°C to +40°C
- Storage Temperature range -30°C to + 60°C



The revolutionary SENKO CLEANZONE has been specifically designed to offer the user a portable, automatic solution for cleaning the ferrule end face. With a compact, and ergonomic design, the SENKO CLEANZONE unit has a detachable, battery powered control unit and interchangeable, replaceable cartridges that allows single handed operation.

ORDER CODE COMPLETE SET LC MU

SCK - CH - CC - 125

ORDER CODE COMPLETE SET SC-FC-ST:

SCK - CH - CC - 250

Note:
Select required tips from the tables below, these are ordered separately.

CLEANZONE

ELECTRONIC CONTROL UNIT (ECU)



ORDER CODE **SCK - CH**

CLEANZONE

LC - MU CARTRIDGE



ORDER CODE **SCK - CC - 125**

TIPS ORDER CODE	
SCK-CC-LCM	Cleanzone Tip for LC Patchcord
SCK-CC-MUM	Cleanzone Tip for MU Patchcord
SCK-CC-LCF	Cleanzone Tip for LC In Adapter
SCK-CC-MUF	Cleanzone Tip for MU In Adapter

Note:
Required tips are to be ordered separately, part numbers are shown on attached table.

CLEANZONE

SC-FC-ST CARTRIDGE



ORDER CODE **SCK - CC - 250**

TIPS ORDER CODE	
SCK-CC-SCM	Cleanzone Tip for SC Patchcord
SCK-CC-FCM	Cleanzone Tip for FC Patchcord
SCK-CC-SCF	Cleanzone Tip for SC In Adapter
SCK-CC-FCF	Cleanzone Tip for FC In Adapter

Note:
Required tips are to be ordered separately, part numbers are shown on attached table.

Each CLEANZONE cartridge is supplied with a 76mm extension arm to improve access into densely packed adapter panels.

CARTRIDGE TYPE CLEANING UNITS

CLEANER

The Senko Cleaners are dry cloth cleaners specially designed to clean single fiber connectors residing in an adapter, face-plate or bulkhead. The dust cap of the cleaner acts as an adapter for cleaning unmated connectors. The Senko Cleaners for simplex connections are simple to use and highly effective at removing oil and dust contaminants that can reduce optical performance.

Fiber Optic Cleaner

LC - MU



ORDER CODE
SCK-SC-125

Fiber Optic Cleaner

SC-FC-ST



ORDER CODE
SCK-SC-250

Fiber Optic Cleaner

HARDENED CONNECTORS



ORDER CODE
SCK-SC-HC

Fiber Optic Cleaner

MPO & MTP



ORDER CODE
SCK-SC-MPO

The Senko MPO Cleaner has a tip specifically designed for multi-fiber connectors. The cleaning process will effortlessly remove debris from the entire end face in one quick and easy movement. All of Senko's Cleaners are designed to clean both exposed jumper ends and connectors in adapters.

APPLICATION

- Fiber network panels and assemblies
- Outdoor FTTH applications
- Cable assembly production facility
- Testing laboratories
- Servers, switches, routers and OADMS with SC, FC, ST, MU and LC interface

ENVIRONMENTAL PROPERTIES

- Crush resistance up to 20Kg
- Impact resistance up to 6 feet
- Operating Temperature Range -10° C to +60° C

FEATURES

- Easy pushing motion engages connector and initiates cleaner
- Disposable with 525+ cleanings per unit
- Made from antistatic resins
- Cleaning micro fibers are densely stranded and debris free
- Cleaning system rotates 180° for a full sweep
- Extendable tip reaches recessed connectors
- Audible click when engaged

CLEANING AND INSPECTION KIT SCK-FTTX 100



SCK-FTTX-100 inspection and cleaning kit provides a field portable solution for the inspection and cleaning of a ferrule end face. The kit includes our ergonomically designed optical field microscope (x200 and x400 variants available), which provides an effective method of inspecting a fiber optic connector, a next generation fibre optic cleaner, the CleanCore, a refill cassette for the CleanCore and the market leading cleaning sticks.

FEATURES

- Portable
- Lightweight Rugged Carry Case
- High Quality Field Inspection with Superior Cleaning Solutions
- Low Cost
- CE approved

KIT Content

Kit 100 - Comprising Optical Microscope, CleanCore Cassette - CleanCore Replacement Cartridge, 1.25mm Cleaning Sticks, 3 AAA Batteries, 2.5mm and 1.25mm Universal Adapters, Case

ORDER CODE:

SCK - FTTX - 100

OPTICAL

MICROSCOPES



SPECIFICATION	
Optical Magnification	200x 400x
Power Source	3 AAA Alkaline Batteries
Light Source	White led , rated for 100,000 Hours
Weight	0,6 kg 1,32 Lbs.
Size	225 mm L x 37mm W x 57 mm H
Controls	Pressure-activated ON / Off Switch Single hand Focus wheel
Safety Filter	Built-in IR Filter
Adapter Interface	Interchangeable tips: Either universal (for each size ferrule) or connector specific

APPLICATION

- Fiber network panels and assemblies
- Outdoor FTTX applications
- Cable assembly production facility
- Testing laboratories
- Servers, switches, routers and OADMS with SC, FC, ST, MU and LC interface

The SCK-OSXXX range of Optical Microscopes from SENKO offers the user a fast and easy way to inspect fiber optic connectors.

ORDER CODE	
SCK-OS200	Optical Microscope x200 With Coaxil Lighting Supplied With Soft Carry Case And 2.5mm Adapter
SCK-OS200-125	Optical Microscope x200 With Coaxil Lighting Supplied With Soft Carry Case And 1.25mm Adapter
SCK-OS400	Optical Microscope x400 With Coaxil Lighting Supplied With Soft Carry Case And 2.5mm Adapter
SCK-OS400-125	Optical Microscope x400 With Coaxil Lighting Supplied With Soft Carry Case And 1.25mm Adapter

Note:
Oblique lighting version available by request

MICROSCOPE

ACCESSORIES



1.25mm Adapter for Optical Microscope

ORDER CODE

SCK-OS-ADP-125



2.5mm Adapter for Optical Microscope

ORDER CODE

SCK-OS-ADP-250



1.25mm APC Adapter for Optical Microscope

ORDER CODE

SCK-OS-ADPAPC-125



2.5mm APC Adapter for Optical Microscope

ORDER CODE

SCK-OS-ADPAPC-250

CLEANING AND INSPECTION KIT SCK-FTTX 300



The SCK-FTTX-300 kit contains the Digital FIBERVIEW probe which connects directly to a PC or laptop via a USB link. The probe, in conjunction with a proprietary software suite permits the user to electronically vary the magnification of the displayed image (x450- x1500), capture the real time displayed image of the ferrule end face and automatically analyzes the image for contamination and scratches against user-definable accept/reject criteria. Ideal for Central Office and Transmission environments the Digital FIBERVIEW can also be used for Production Test, System Commissioning where Certification may be required. The Digital FIBERVIEW kit also includes a comprehensive range of ferrule and adapter cleaning tools.

FEATURES

- Highly Portable
- Optical Resolution to 0.5um
- Variable Magnification
- Standard 2.5mm PC Tip
- Other Tips Available
- Analytical Software
- Patch Cord Ferrule Cleaner
- In-Adapter Ferrule Cleaner
- Lightweight Rugged Carry Case
- CE approved

ORDER CODE

SCK-FTTX-300

KIT CONTENT	DESCRIPTION	ORDER CODE
	CleanCore	SCK-COR-100
	Replacement Cartridge	SCK-CAS-400
	SENKO Cleaner for SC, FC and ST connector types	SCK-SC-250
	SENKO Cleaner for LC-MU connector types	SCK-SC-125
	Digital FiberView Probe, 2.5mm Patchcord Tip Software CD, Case	SCK-VM1000-3

CLEANING AND INSPECTION KIT 300 - CLEANZONE

FEATURES

- Highly Portable
- Optical Resolution to 0.5um
- Variable Magnification
- Standard 2.5mm PC Tip
- Other Tips Available
- Analytical Software
- Patch Cord Ferrule Cleaner
- In-Adapter Ferrule Cleaner
- Lightweight Rugged Carry Case
- CE approved



ORDER CODE

SCK-FTTX-300-CZ

The SCK-FTTX-300 kit contains the Digital FIBERVIEW probe, which connects directly to a PC or laptop via a USB link. The probe, in conjunction with a proprietary software suite, permits the user to electronically vary the magnification of the displayed image (x450- x1500), capture the real time displayed image of the ferrule end face and automatically analyzes the image for contamination and scratches against user-definable accept/reject criteria. Ideal for Central Office and Transmission environments the Digital FIBERVIEW can also be used for Production Test, System Commissioning where Certification may be required. The Digital FIBERVIEW kit also includes a comprehensive range of ferrule and adapter cleaning tools.

KIT CONTENT	DESCRIPTION	ORDER CODE
	CleanCore	SCK-COR-100
	Replacement Cartridge	SCK-CAS-400
	CleanZone for SC-FC-ST connector types	SCK-CC-250
	CleanZone for LC and MU connector types	SCK-CC-125
	CleanZone Electronic Control Unit (ECU)	SCK-CH
	Digital FiberView Probe, 2.5mm Patchcord Tip Software CD, Case	SCK-VM1000-3

*Note:
Supplied with
SC In Adapter tip.*

*Note:
Supplied with
LC In Adapter tip.*

CLEANING AND INSPECTION KIT SCK-FTTX 400



The SCK-FTTX-400, is a high quality field inspection kit that has been designed for the most demanding maintenance routine. The kit contains the extremely robust Telecom FIBERVIEW probe (Optical resolution down to 1.0 micron and a viewable resolution down to 0.5 microns), which connects to a battery powered 3.5" TFT screen with a display magnification of x200. The kit also contains ferrule and in adapter cleaning solutions for 1.25mm and 2.5mm connector styles and software that will allow you to capture images of the ferrule end face onto a Laptop or PC. Ideal for Central Office and Transmission environments the Telecom FIBERVIEW can be used in most fiber optic networks.

ORDER CODE

SCK-FTTX-400

FEATURES

- High Performance
- CE Approved
- Optical Resolution to 1.0um
- 3.5" TFT Display with brightness and contrast controls
- Magnification x200
- Field Of View 250 Vertical by 360 Horizontal
- > 5 hours continuous battery
- Standard 2.5mm PC Tip
- Other Tips Available (PC/APC)
- Image Capture Software
- Patch Cord Ferrule Cleaner
- In-Adapter Ferrule Cleaner
- Lightweight Rugged Carry Case

KIT CONTENT	DESCRIPTION	ORDER CODE
	CleanCore	SCK-COR-100
	Replacement Cartridge	SCK-CAS-400
	SENKO Cleaner for SC, FC and ST connector types	SCK-SC-250
	SENKO Cleaner for LC-MU connector types	SCK-SC-125
	Telecom FiberView Probe 2.5mm Patchcord Tip Software CD, Case	SCK-VM1000-1

CLEANING AND INSPECTION KIT 400 - CLEANZONE



The SCK-FTTX-400, is a high quality field inspection kit that has been designed for the most demanding maintenance routine. The kit contains the extremely robust Telecom FIBERVIEW probe (Optical resolution down to 1.0 micron and a viewable resolution down to 0.5 microns), which connects to a battery powered 3.5" TFT screen with a display magnification of x200. The kit also contains ferrule and in adapter cleaning solutions for 1.25mm and 2.5mm connector styles and software that will allow you to capture images of the ferrule end face onto a Laptop or PC. Ideal for Central Office and Transmission environments the Telecom FIBERVIEW can be used in most fiber optic networks.

ORDER CODE

SCK-FTTX-400-CZ

FEATURES

- High Performance
- CE Approved
- Optical Resolution to 1.0um
- 3.5" TFT Display with brightness and contrast controls
- Magnification x200
- Field Of View 250 Vertical by 360 Horizontal
- > 5 hours continuous battery
- Standard 2.5mm PC Tip
- Other Tips Available (PC/APC)
- Image Capture Software
- Patch Cord Ferrule Cleaner
- In-Adapter Ferrule Cleaner
- Lightweight Rugged Carry Case

KIT CONTENT	DESCRIPTION	ORDER CODE
	CleanCore	SCK-COR-100
	Replacement Cartridge	SCK-CAS-400
	CleanZone for SC-FC-ST connector types	SCK-CC-250
	CleanZone for LC and MU connector types	SCK-CC-125
	CleanZone Electronic Control Unit (ECU)	SCK-CH
	Telecom FiberView Probe, 2.5mm Patchcord Tip AC Charger, Software CD, Case	SCK-VM1000-1

*Note:
Supplied with
SC In Adapter tip.*

*Note:
Supplied with
LC In Adapter tip.*

CLEANING AND INSPECTION KIT SCK-FTTX 500



This exceptionally portable inspection kit contains the FTTX FIBERVIEW ultra-light analogue probe and an amazingly rugged and compact 2.5" TFT hand-held monitor. The monitor provides a side mounted clip which permits an analogue probe to be attached. The hand-held monitor, via the menu driven user interface software, provides the user with full access to either the user installed SD memory card, internal NANDFlash memory or externally connected hard drive, to facilitate an efficient and innovative approach to capturing MPEG video files, with voice. All files can be transferred to a PC or Laptop and single images can be extracted for reports as required. The kit also includes a comprehensive range of ferrule and in adapter cleaning solutions.

ORDER CODE

SCK-FTTX-500

FEATURES

- Low Cost
- Highly Portable
- Optical Resolution down to 1.25um
- Field OfView 250 microns Vertical and 340 microns Horizontal
- Optional 2nd probe
- Standard 2.5mm PC Tip
- Other Tips Available
- Rugged 2.5" TFT Display, with built in stand and option for strap
- Video Capture SD Memory Card
- Lightweight Rugged Carry Case
- Side Clip for hands free mounting of Probe



KIT CONTENT	DESCRIPTION	ORDER CODE
	CleanCore	SCK-COR-100
	Replacement Cartridge	SCK-CAS-400
	SENKO Cleaner for SC, FC and ST connector types	SCK-SC-250
	SENKO Cleaner for LC-MU connector types	SCK-SC-125
	FTTX Fiber View Monitor and Probe, AC Charger, Case, and 2.5mm Patchcord Tip	SCK-VM1000-2

CLEANING AND INSPECTION KIT 500 - CLEANZONE



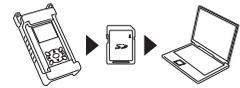
This exceptionally portable inspection kit contains the FTTX FIBERVIEW ultra-light analogue probe and an amazingly rugged and compact 2.5" TFT hand-held monitor. The monitor provides a side mounted clip which permits a analogue probe to be attached. The hand-held monitor, via the menu driven user interface software, provides the user with full access to either the user installed SD memory card, internal NANDFlash memory or externally connected hard drive, to facilitate an efficient and innovative approach to capturing MPEG video files, with voice. All files can be transferred to a PC or Laptop and single images can be extracted for reports as required. The kit also includes a comprehensive range of ferrule and in adapter cleaning solutions.

ORDER CODE

SCK-FTTX-500-CZ

FEATURES

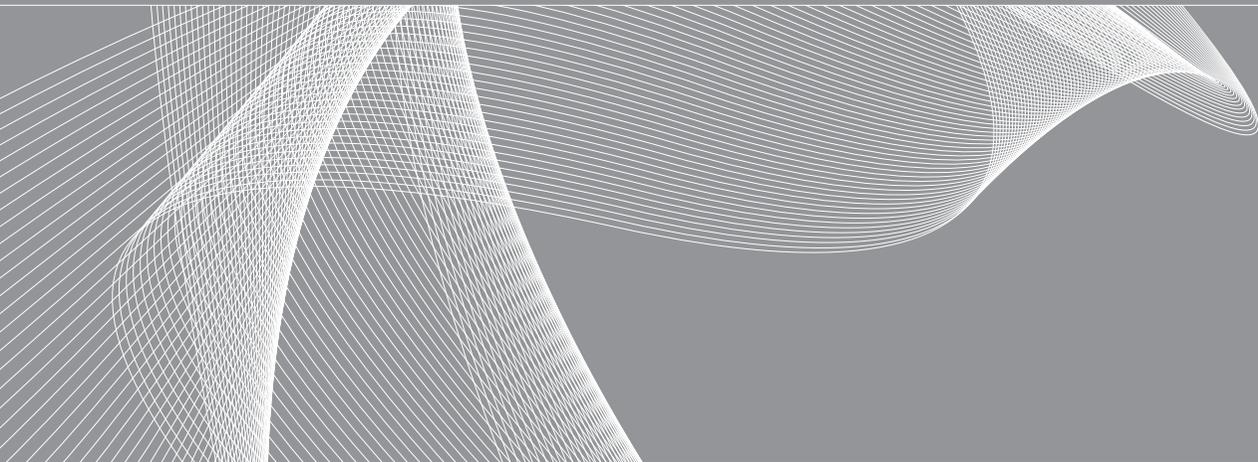
- Low Cost
- Highly Portable
- Optical Resolution down to 1.25um
- Field Of View 250 microns Vertical and 340 microns Horizontal
- Optional 2nd probe
- Standard 2.5mm PC Tip
- Other Tips Available
- Rugged 2.5" TFT Display, with built in stand and option for strap
- Video Capture SD Memory Card
- Lightweight Rugged Carry Case
- Side Clip for hands free mounting of Probe



	DESCRIPTION	ORDER CODE
	CleanCore	SCK-COR-100
	Replacement Cartridge	SCK-CAS-400
	CleanZone for SC-FC-ST connector types	SCK-CC-250
	CleanZone for LC and MU connector types	SCK-CC-125
	CleanZone Electronic Control Unit (ECU)	SCK-CH
	FTTX Fiber View Monitor and Probe, AC Charger, Case, and 2.5mm Patchcord Tip	SCK-VM1000-2

*Note:
Supplied with
SC In Adapter tip.*

*Note:
Supplied with
LC In Adapter tip.*





SENKO Advanced Components, Incorporated is a recognized global leader in the design, production, sales, marketing and distribution of over 1000 fiber optic products. It is headquartered in Boston, Massachusetts, USA and is the fiber optic division of the Japan based SENKO Group.

The SENKO Group is a family of companies serving clients in the Electronic / Electrical, Telecom / Fiber Optic, and Automotive / Industrial industries.

We continually expand our product line to suit your business needs, both through innovations in product design and via international partnerships.

Our top quality products are backed with superior technical support and logistic services provided by our worldwide facilities.



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