

# Smart Cleaner™

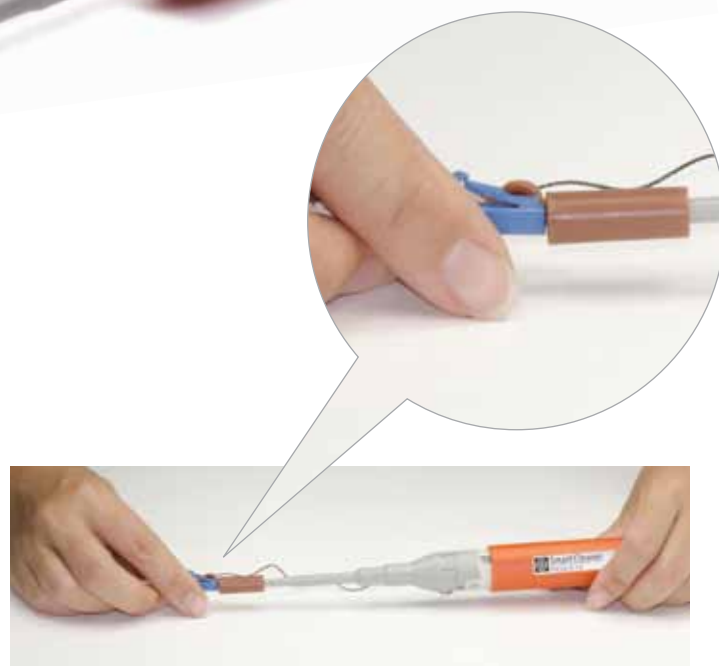
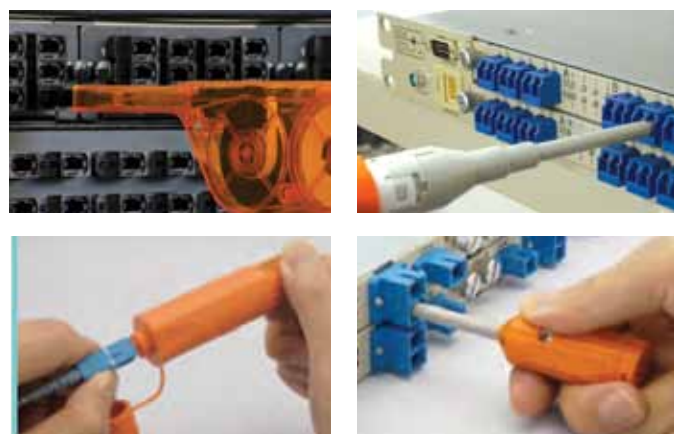
make the switch  
Orange is better

FEATURES

- Designed for all types connectors
- Compact size for easy hand-held operations
- Dry-clean without the use of harmful substances
- Cleaning micro fibers are densely stranded and debris free
- Replaceable cartridge
- Constructed with anti-static material.
- 750+ cleanings per unit
- Easy pushing motion engages connector and initiates cleaner
- Extendable tip reaches recessed connectors
- Cleaning system rotates 180 for a full sweep



The Smart Cleaner is a dry cloth cleaner specifically designed to clean connections of patch cords, in adapter, faceplates and bulkheads.



## Smart Cleaner REPLACEMENT CARTRIDGE TYPE



Designed to specially work well with the LC/MU and SC/FC/ST/E-2000 connectors, this instrument cleans the ferrule end faces removing dust, oil, and other debris without nicking or scratching the end face. The SENKO Fiber Optic Cleaner for simplex connections is a dry cloth cleaner specially designed to clean single fiber connectors. Designed as an adapter, the dust cap of the cleaner acts as an adapter for cleaning unmated connectors.

Smart Cleaner<sup>++</sup>

**750+**  
CLEANINGS  
FOR EACH  
CARTRIDGE

ORDER CODE	DESCRIPTION
SCK-SS-125	Smart Cleaner 1.25 for LC, MU
SCK-SS-250	Smart Cleaner 2.50 for SC, FC, ST, E-2000

SPECIFICATIONS

Product Name	Smart Cleaner 1.25	Smart Cleaner 2.50
Compatible Connectors	MU, LC PC and APC	SC, FC, ST, E-2000 PC and APC
Attachment Color	Brown	White

## Replacement Cartridges SMART CLEANER 1.25 AND 2.50



Senko's Smart Cleaner is composed of a replaceable cartridge containing the cleaning string and the retaining handle which holds it. The handle unit and the cartridge are sold as one unit, while replacement cartridges may also be purchased separately. Each pack contains 3 replacement cartridges (750+ Cleanings for each cartridge).

Smart Cleaner<sup>++</sup>

**750+**  
CLEANINGS  
FOR EACH  
CARTRIDGE

ORDER CODE	DESCRIPTION
SCK-SS-125-R	Replacement Cartridge for 1.25 (LC, MU)
SCK-SS-250-R	Replacement Cartridge for 2.50 (SC, FC, ST, E-2000)

SPECIFICATIONS

Product Name	Smart Cleaner 1.25	Smart Cleaner 2.50
Compatible Connectors	MU, LC PC and APC	SC, FC, ST, E-2000 PC and APC
Attachment Color	Brown	White

## Smart Cleaner MINI



for LC, MU

for SC, FC, ST, E-2000

Designed to specially work well with the LC/MU and SC/FC/ST/E-2000 connectors, this instrument cleans the ferrule end faces removing dust, oil, and other debris without nicking or scratching the end face. The SENKO Fiber Optic Cleaner for simplex connections is a dry cloth cleaner specially designed to clean single fiber connectors. Designed as an adapter, the dust cap of the cleaner acts as an adapter for cleaning unmated connectors.

Smart Cleaner<sup>++</sup>

**400+**  
CLEANINGS FOR EACH CLEANER

ORDER CODE	DESCRIPTION
SSCK-SS-M-125	Smart Cleaner Mini 1.25 for LC, MU
SCK-SS-M-250	Smart Cleaner Mini 2.50 for SC, FC, ST

### SPECIFICATIONS

Product Name	Smart Cleaner Mini 1.25	Smart Cleaner Mini 2.50
Compatible Connectors	MU, LC PC and APC	SC, FC, ST, E-2000 PC and APC
Attachment Color	Brown	White

- Designed for all types of simplex connectors
- Compact size for easy hand-held operations
- Dry-clean without the use of harmful substances
- Cleaning micro fibers are densely stranded and debris free
- Constructed with anti-static material
- 400+ cleanings per unit
- Easy pushing motion engages connector and initiates cleaner
- Extendable tip reaches recessed connectors
- Cleaning system rotates 180 for a full sweep

## Smart Cleaner for MPO



Designed to work with MPO connectors, this instrument cleans the ferrule end faces removing dust, oil, and other debris without nicking or scratching the end face. The SENKO Smart Cleaner for MPO is a dry cloth cleaner to clean MPO connector with "push and click" mechanism. Like the other Smart Cleaner series, the cleaner the dust cap of the cleaner acts as an adapter for cleaning unmated connectors.

Smart Cleaner<sup>++</sup>

**600+**  
CLEANINGS FOR EACH CLEANER

ORDER CODE	DESCRIPTION
SCK-SS-MPO	Smart Cleaner MPO

### SPECIFICATIONS

Product Name	Smart Cleaner MPO
Compatible Connectors	MPO, MTP
Compatible End Face	Compatible with flat and 8 degree angled endface with or without guide pins

- Designed for all types of multifiber connectors
- Cleans jumper end face both male and female
- Compact size for easy hand-held operations
- Dry-clean without the use of harmful substances
- Cleaning micro fibers are densely stranded and debris free
- Constructed with anti-static material
- 600+ cleanings per unit
- Easy pushing motion engages connector and initiates cleaner

## Cassette Cleaner



The Cassette Cleaner wipes away contaminants from optical connector end face with ease. Just as with our previous products, the cleaning tape does not produce dust, and provides special cleaning strength while resisting foreign particles to mix into the tape. The main body also is made from antistatic material. The tape advance mechanism has been simplified, reducing the number of assembly parts to a minimum resulting in cost reductions for both manufacturing and assembly.

Smart Cleaner<sup>++</sup>

**400+**  
CLEANINGS FOR EACH CLEANER

ORDER CODE	DESCRIPTION
SCK-CC-100	Cassette Cleaner

### SPECIFICATIONS

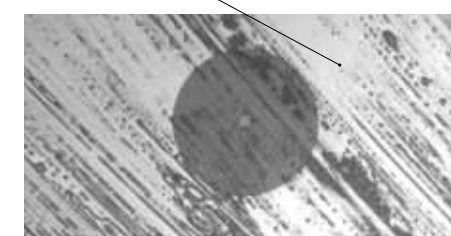
Product Name	Cassette Cleaner
Compatible Connectors	SC, FC, ST, E-2000, LC, MU PC and APC
Cleanings	400+ (tape cannot be replaced)
Dimensions	W 115mm × H 55mm × D 25mm

- Designed for all types of connectors
- Compact size for easy hand-held operations
- Dry-clean without the use of harmful substances
- Cleaning micro fibers are densely stranded and debris free
- Constructed with anti-static material
- 400+ cleanings per unit

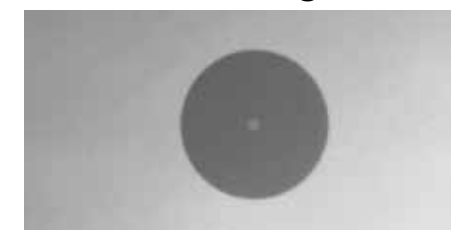


## Before Cleaning

Oil Contamination



## After Cleaning



 **CLEANING**

**Smart Cleaner  
1.25 or 2.50**



Designed to specially work well with the LC/MU and SC/FC/ST/E-2000 connectors, this instrument cleans the ferrule end faces removing dust, oil, and other debris without scratching the end face.

**Smart Cleaner Mini  
1.25 or 2.50**



Designed to specially work well with the LC/MU and SC/FC/ST/E-2000 connectors, this instrument cleans the ferrule end faces removing dust, oil, and other debris without scratching the end face.

**Smart Cleaner  
MPO**



Designed to work with MPO connectors, this instrument cleans the ferrule end faces removing dust, oil, and other debris without nicking or scratching the end face.

**Cassette Cleaner**



The Cassette Cleaner wipes away contaminants from optical connector end face with ease. The cleaning tape does not produce dust, and provides special cleaning strength.

**Fiber Optic Cleaning  
Pen**



This precision cleaner quickly cleans the end faces of fiber optic connectors, while eliminating electrostatic charge which can attract airborne contaminants to the end face.

**Lint Free Wipes**



These inexpensive tissues can be used dry or with several cleaning solvents to clean off ferrule endfaces or prepare fibers for termination and/or splicing.

**Cleaning Solvent**



This fast-acting cleaner can be used with dry fiber wipes or tissues to remove dirt and soils from optical fibers prior to termination and fiber optic splicing or to clean the end of connector ferrules.

**4x4 NON-Woven Wipes**



Non-Woven cloth wipes can be used alone or with alcohol or solvents. Provides superior cleaning of fiber optic connector ferrules without risk of scratching or lint residue.

**Cleaning Stick  
1.25 or 2.50**



**Broadcast Cleaning  
Sticks**



 **INSPECTION**

**Smart Probe WiFi  
for fiber inspection**



ANDROID APP ON  
Google play

**Digital FiberView  
with Inspection Software**



 **TESTING**

**Smart Testers  
for network troubleshooting**



**Make your  
own kit** 

Choose the right product you want and need for your work, and create your own custom kit

Make Your Own Kit	PART NUMBER
Cassette Cleaner Disposable	SCK-CC-100
Smart Cleaner 1.25	SCK-SS-125
Smart Cleaner 2.50	SCK-SS-250
Smart Cleaner Mini 1.25	SCK-SS-M-125
Smart Cleaner Mini 2.50	SCK-SS-M-250
Smart Cleaner MPO	SCK-SS-MPO
Lint Free Wipes	AFT-A-KW
Fiber Optic Cleaning Pen	AFT-A-EWP
4x4 NON-WOVEN WIPES	AFT-A-NW
1.25 MM Stick 250 pcs.	CSK-01
2.5 MM Stick 250 pcs.	CSK-02
Broadcast Stick 200 pcs.	CSK-03
Cleaning Solvent (Not Available in Europe)	AFT-A-FS
Smart Probe Wi-Fi	SCK-VM2000-01
Digital FiberView	SCK-VM1000-01
Smart Source	AFT-G-MF-LS
Smart Meter	AFT-G-FM-3DG-S
Smart Checker	AFT-G-FC
Soft Case	AFT-A-CS-XP

We put everything in a Soft Case and we deliver it to you



 **CLEANING**

Cartridge Type for use in Plugs



Pen Type Convertible for Plugs and Adaptors



Stick Type for Adaptors







**Senko's Optical Connector Lineup creates reliability in telecommunications service**

The cause of numerous problems in optical communication equipment is contamination of the end face of optical connectors. Senko has developed optical fiber cleaners with fiber specifically for optical connectors to help create a reliable telecommunications service. Senko's optical connector cleaners eliminate even the smallest contaminants that are visible only through magnification.

LC Adapter		→		Ferrule End Face Cleaners	
MU Adapter		→			
SC Adapter		→		Ferrule End Face Cleaners	
E-2000 Adapter		→			
ST Adapter		→		Ferrule End Face Cleaners	

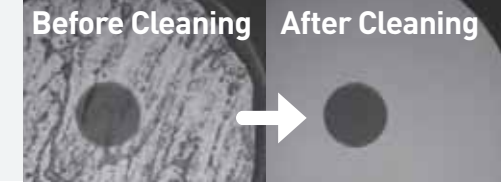
**Multi-Core Connectors**

**MPO-PLUS** **MPO-PLUS** Ferrule End Face Cleaners

  →  

MPO Plug MPO Adapter Smart Cleaner Cassette Smart Cleaner MPO

**Connector and Cleaner Compatibility**




**Why is cleaning optical connectors so important?**


Contamination of the optical connector end face can easily occur. The transmission quality will be affected once the contaminants adhere to the 10µm diameter optical fiber core, and there is increased danger that the fiber end face will be damaged by any high powered light. Cleaning the optical connector end face is extremely important before making a connection.

LC Plugs		→		Ferrule End Face Cleaners	
MU Plugs		→			
SC Plugs		→		Ferrule End Face Cleaners	
E-2000 Plugs		→			
FC Plugs		→		Ferrule End Face Cleaners	
ST Plugs		→			

**For Video Equipment**

**Cleaners for Video Equipment**

CLETOP Stick 2.0/2.5mm Double Ended → 

Optimal cleaning for various video equipment (LEMO, Tajimi brand, etc.)



# CLEANING YOUR CONNECTORS

## Dry Cleaning How to Dry Clean

Insert the jumper and push the outer shell to begin cleaning. A click sound will indicate that the cleaning is complete. Some mechanical cleaners are compatible with male and female jumpers as well as the MPO and other connectors.

Remember, always use the dry cleaning method first before attempting wet-dry cleaning.



**Smart Cleaner**  
Single-fiber mechanical cleaner (male/female)



**Smart Cleaner MPO**  
Multifiber mechanical cleaner (MTP/MPO, male/female)



**Cassette Cleaner**  
Patch-cord mechanical cleaner (female only)

Dry cleaning using a mechanical cleaner is recommended as the first step. If, after two dry cleaning attempts, soil is still present on the connector, try Wet-Dry cleaning.

## Wet-Dry cleaning How to Wet-Dry clean

Wet-Dry cleaning is a mix of wet and dry cleaning methods and involves using a solvent. The first step is to clean the connector endface with a solvent and then dry any remaining residue with either a wipe or a swab. If, after using the Wet-Dry cleaning method, the connector still fails to meet the acceptance criteria, consider replacing the connector.



**Fiber Optic Cleaning Pen**  
Used to dispense optical grade solvent to clean connectors



**Cleaning Stick**  
Used to clean the inside of female connectors and adaptors



**4x4 NON-Woven Wipes**  
Used in dry cleaning procedures and also used to dry off any solvent

### How to Clean Using the Wet-Dry Method

- 1 Wet a corner of the wipe with solvent.
- 2 In a smooth linear motion, trace the endface of the jumper twice over the wet area.
- 3 In a smooth linear motion, trace the endface of the jumper three times over the dry area.



# KITS