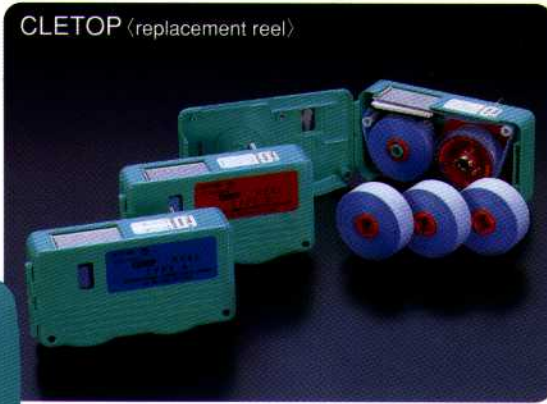


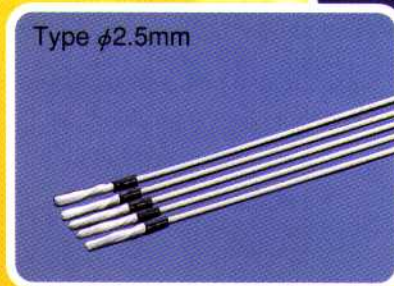
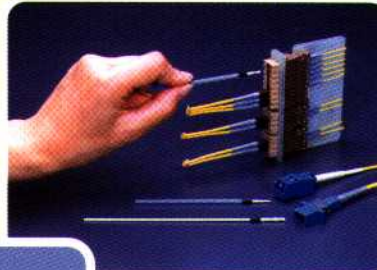
Adopted by Multinationals Worldwide as Their chosen cleaning Method

# CLETOP<sup>®</sup> SERIES

## Reel Type



## Stick Type



**Optimark**  
Fiber Optics



14 Heath Wood Lane, Chestnut Hill MA 02467-2685 US  
Tel: +1 617 232-6224 Fax: +1 617 734-2272  
www.optimark-fiber.com sales@optimark-fiber.com

# NTT-ME always offers the most reliable and effective connector cleaning tools. Reliability makes the world choose CLETOP series.

NTT-ME's CLETOP series easily and quickly cleans ferrule end-faces, the most important component in maintaining the quality of fiber-optic connections. It's an alcohol-free dry cloth solution.

● Reel type/for ferrule end-faces of connector plug

## CLETOP-S (replacement cartridge)



### Easy to replace tape cartridge

The tape can be replaced very easily by a "drop-in" cartridge.



### One push operation

Available for both left handed and right handed operators.



### Anti-static material

Adopt anti-static material for body and replacement cartridge.

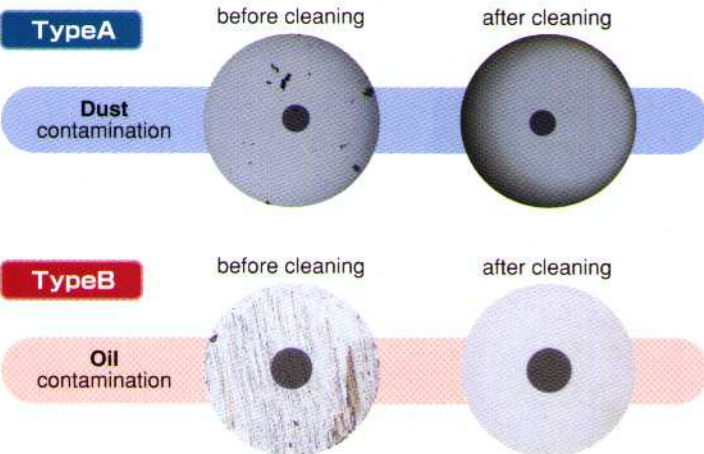


TypeA TypeB

note) Applicable connectors for Type A and Type B are shown on back side



Ferrule end-faces before/after use of the CLETOP series



● Reel type/for ferrule end-faces of connector plug

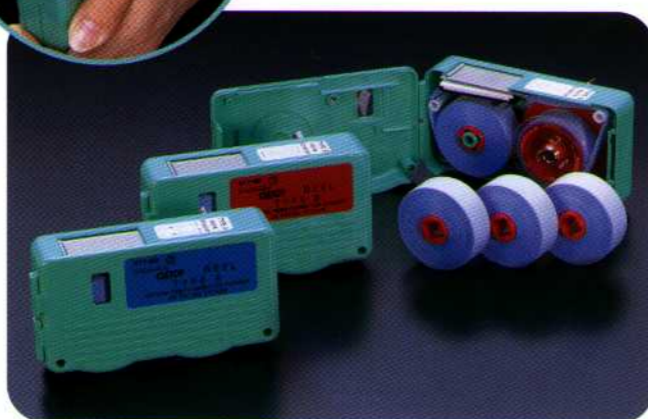
## CLETOP® (replacement reel)



TypeA TypeB

● for multi-fiber pinned connectors

Type MPO with pins Type MT-RJ with pins

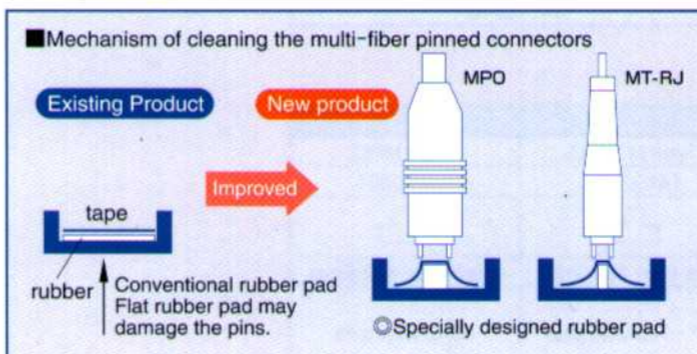


### Features

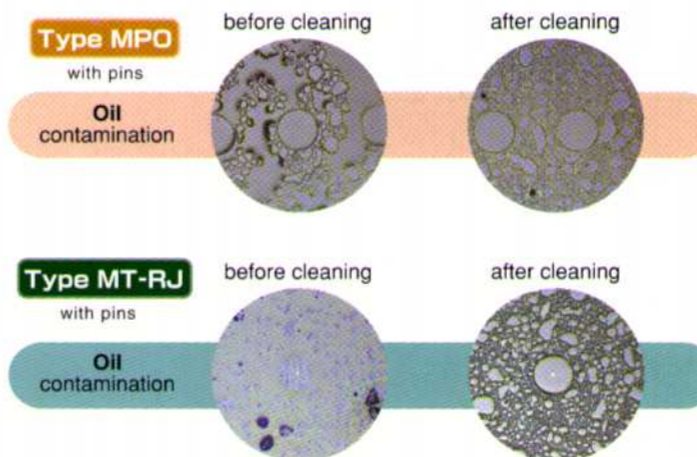
- Easy to use and efficient. Delivers consistently high quality cleaning performance.
- Palm-sized and lightweight. Easy and safe to use whether in the engineering lab., on the production line, or in the field.
- Cleaning tape is replaceable and cost-effective.
- One cleaning reel / cartridge provides more than 400 ferrule cleaning cycles.

● For multi-fiber pinned connectors (MPO& MT-RJ)

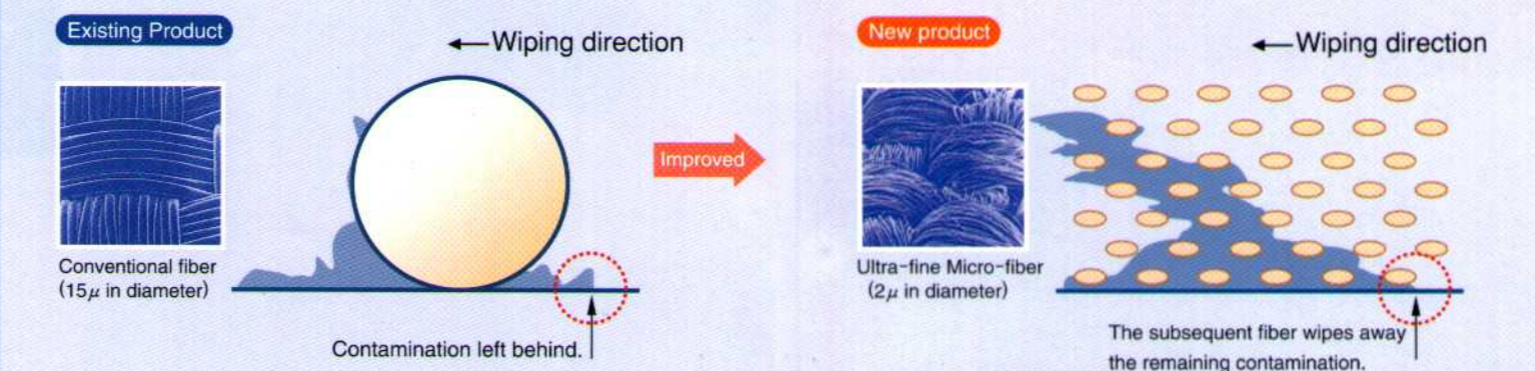
NTT-ME has designed the rubber pad to enable effective cleaning of an MPO/MT-RJ ferrule end-face, between the pins, without damaging the pins (PAT.P).



End-faces of the pinned connector before/after use of the CLETOP



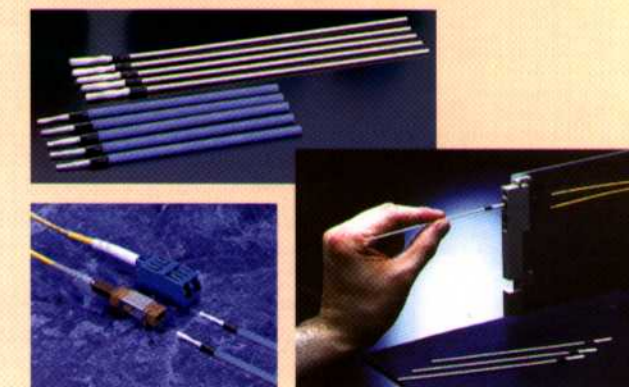
Ultra-fine Micro-fibers deliver outstanding cleaning performance in removing contamination.



● Stick type/for ferrule end-faces and inside sleeves

## CLETOP®

Type 2.5mm Type 1.25mm



Designed for connectors used in high definition camera's

Type 2.0mm Type 2.0/2.5mm double ended



### Features

- Easy to clean ferrule end-faces inside the adapters.
- Lightweight and safe to use.
- Compact and disposable.

#### How to clean?

Ex. SC connector(φ2.5mm)

- ① Insert
- ② load
- ③ rotate

① Ensure that stick is held straight when inserting into sleeve.  
 ② Load: Apply sufficient pressure (approx 600~700g) to ensure ferrule a little depressed in sleeve.  
 ③ Rotate stick clockwise 4~5 times, while ensuring direct contact with ferrule end-face is maintained.

Notice: cleans per stick: Maintenance (repair) 1 cleaning/piece

## CLETOP-S Reel type <replacement cartridge>

Specification	Reel type	
Type	Type A	Type B
Part No.	14110501	14110601   14110611
Shape of rubber pad		
Cleans per cartridge	more than 400 times	more than 400 times
Connectors cleaned	SC,SC2,FC,ST DIN,D4	SMA, Biconic   MU,LC,MT; MPO,MT-RJ without pins
Dimension WxHxD (mm)	125 X85 X35	
Weight (g)	150	150
Packaging	1	1
Remarks	—	—

Consumables	Replacement cartridge blue	Replacement cartridge white
Part No. of consumable	14110700	14110710

## CLETOP Reel type <replacement reel>

Specification	Reel type			
Type	Type A	Type B	Type MT-RJ	Type MPO
Part No.	14100500	14100600   14100610	14100101	14100201
Shape of rubber pad				
Cleans per reel	more than 400 times	more than 400 times	more than 400 times	more than 400 times
Connectors cleaned	SC,SC2,FC,ST DIN,D4	SMA, Biconic   MU,LC,MT; MPO,MT-RJ without pins	MT-R J with pins	MPO with pins
Dimension WxHxD (mm)	130 X75 X40			
Weight (g)	160	160	160	160
Packaging	1	1	1	1
Remarks	—	—	—	—

Consumables	Replacement reel blue	Replacement reel white
Part No. of consumable	14100700	14100710

## CLETOP Stick type

Specification	Stick type				
Type	Type 2.5mm	Type 1.25mm	Type 2.0mm	Type 2.0/2.5mm	Type 2.5mm
Part No.	14100400	14100401	14100402	14100403	14100404
Cleans per stick	Maintenance (for repair) 1 cleaning/piece				
Connectors cleaned	SC,SC2,FC,ST,DS	MU,LC	for connectors for high definition television camera		
Dimension L (mm)	146	101	146	127	146
Packaging	200 pcs/set	200 pcs/set	200 pcs/set	100 pcs/set	200 pcs/set
Remarks	—			double ended	Guide sleeve on tip
				Guide sleeve on 2.5 mm tip	

Notice 1: Please do not use this product for other purposes than cleaning the ferrule end-faces.

Notice 2: The cleaning performance may change depending upon the environment and the contamination types.

# NTT-ME



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