

## FOCCUS I & M Fiber Optic Cleaning Kit Product# CFK1010

### Product Description

In the I&M Fiber Optic Cleaning Kits, Chemtronics has included only the cleaning supplies necessary for making a successful 2.5mm fiber optic connection. The I & M Fiber Optic Cleaning Kit contains one aerosol of Electro-Wash PX Precision Fiber Optic Cleaner, and a QbE Cleaning System for performing the Combination Cleaning procedure.

Use the swabs and wipes with the Electro-Wash PX to clean the fusion splicer, especially the mirror and V-groove. Swabs are also included for cleaning ferrules, alignment sleeves and backplane connections. Electro-Wash® MX Premoistened Wipes are included for tool and cable wiping.

The swabs are packaged in rugged tubes for field operations. The kit bags are made from tough nylon for long life. They are equipped with a carabineer to clip on a tool belt for transport or to clip a cable for convenient access.

### QbE Product Data and Physical Properties

QbE wipes are 100% noncontaminating material. These wipes have high absorbency and contamination entrapment capacity, as well as high wet strength.

- Excellent solvent resistance
- Excellent particle entrapment
- High absorbency capacity and rate
- Very low solvent extractables
- High wet strength

### QbE Wipes Compatibility

QbE wipes are compatible with most common solvents such as alcohols, hydrocarbons and chlorinated solvents. The wipes are also generally compatible with dilute or weak acids.



### Electro-Wash PX Typical Product Data and Physical Properties

Boiling Point:	141°F/ 62°C (Initial)
Solubility in Water:	20%
Specific Gravity: (water = 1@77°F)	0.70
Appearance: Liquid	Clear, Colorless
Odor:	Mild
Surface Tension: (dynes/cm @21.6°F)	17.3
Flash Point (TCC):	-20°F/ -29°C
Evaporation Rate (air =1)	>1
Vapor Density (air =1)	>1
Kauri-Butanol (KB) Number	50
Shelflife	5 years
RoHS Compliant	Yes

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### Electro-Wash PX Compatibility

Electro-Wash PX is generally compatible with most materials used in the fiber optics industry. With any cleaning agent compatibility must be determined on a non-critical area prior to use.

Material	Compatibility
ABS	Good
Buna-N	Good
EPDM	Poor
Graphite	Excellent
HDPE	Excellent
Kynar™	Fair
LDPE	Fair
Lexan™	Fair
Neoprene	Fair
Noryl®	Good
Nylon 66™	Excellent
Cross-Linked PE	Excellent
Polypropylene	Good
Polystyrene	Non-Compatible
PVC	Good
Silicone Rubber	Non-Compatible
Teflon	Excellent
Viton	Excellent

### Electro-Wash PX Environmental Impact Data

CFC	0.0%
HCFC	0.0%
Cl Solv.	0.0%
VOC	100%
HFC	0.0%
nPB	0.0

CFC, HCFC-225, HCFC-141b, VOC, HFC, and nPB percentages shown are the content by weight.



### Availability

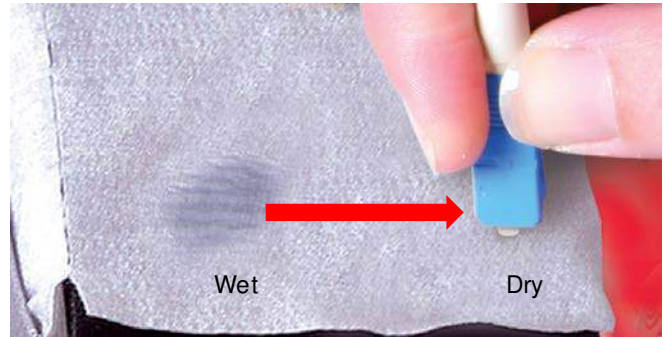
#### I & M Fiber Optic Cleaning Kit Includes:

- QbE (1)      Cleaning System (200 sheets)
- ES810 (1)    Electro-Wash PX Precision Fiber Optic Cleaner
- 48042F (1)    2.5mm Foam Fiber Optic Swabs (50 swabs)
- 6704F (1)     Lint-Free Precision Wipes (100 4" x 4" wipes)
- CP421 (5)    Electro-Wash MX Premoistened Wipes (1 wipe per pack)
- Instructions
- Rugged Bag with carabineer attachment

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#### Combination Cleaning with the QbE

- Pull one QbEWipe over the fiber-safe foam platen.
- Hold the end face at a 90 degree perpendicular to the platen.
- Draw the end face lightly from the solvent wetted area to the dry area over the platen, using a smooth linear motion - do not press too hard.
- Do not retrace your cleaning procedure in the same area.
- Do not use a figure-eight motion; do not use a "twist & turn" motion.
- Check your work with a fiber scope or measuring device.



Combination Cleaning Process

#### For Splice Preparation

- Lightly moisten QbEWipe and gently wipe away fiber contaminants.
- Lightly dampen swab, remove soil from V-grooves on fusion splicer.

#### Buffer Gel Removal

- Pull three single QbEWipers out of the container.
- Spray a small amount of Electro-Wash PX Fiber Optic Cleaner into the folded wipers.
- Pull the cable through the first wiper and discard.
- Repeat until the cable "squeaks" clean.

#### Technical and Application Assistance

Chemtronics provides a technical hotline to answer your technical and application related questions. The toll free number is: 1-800-TECH-401.

#### Note:

This information is believed to be accurate. It is intended for professional end users having the skills to evaluate and use the data properly. CHEMTRONICS does not guarantee the accuracy of the data and assumes no liability in connection with damages incurred while using it.

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