

## FOCCUS Transportable I & M Fiber Optic Cleaning Kit Product# CFK1013

### 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 Transportable I & M Fiber Optic Cleaning Kit contains two Electro-Wash MX Pen Fiber Optic Cleaner Pens and one QbE to perform the Combination Cleaning process.

Because of their compact nature, the Electro-Wash Pens are safe to transport. Use the swabs and wipes with the Electro-Wash MX pen 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.



### Fiber-Wash MX Precision Cleaner Pen Product Data and Physical Properties

Appearance:	Clear, colorless liquid
Odor:	Hydrocarbon
Solubility in Water:	Negligible
Specific Gravity:	0.72 @ 75°F (23.9°C)
Evaporation Rate: (butyl acetate =1)	<1
Boiling Point:	239°F / 115°C
Flash Point (TCC):	45°F / 7°C
Kauri-Butanol (KB) Number	29
VOC* Content:	
CARB	100.0%
SCAQMD	720 g/L
Federal	100.0%
Shelflife	5 years
PbHS Compliant	Yes

\*ODP, HCFC-225, Chlorinated Solvent, VOC, HFC, and nPB percentages shown are the content by weight. Volatile Organic Compound (VOC) information is calculated on a weight basis using the VOC definition of California Air Resources Board (CARB) Consumer Product Regulations, South Coast Air Quality Management District (SCAQMD) Rule 102 and the Federal definition published in 40 CFR 51.100(s).

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### Fiber-Wash MX Compatibility

Fiber-Wash MX Precision Fiber Optic Cleaner is compatible with most materials used in telecommunications. As with any solvent, compatibility with substrate should be determined on a non-critical area prior to use.

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

### Fiber-Wash MX Environmental Impact Data

ODP	0%
HCFC 225	0%
HFC	0%
CL Solv.	0%
nPB	0%

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### Availability

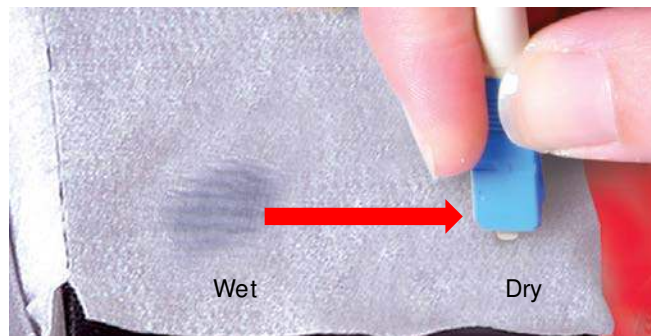
#### Fiber Optic Cleaning Kit Includes:

QbE (1)	Cleaning System (200 sheets)
FW2150 (2)	Electro-Wash MX Precision Fiber Optic Cleaner Pens
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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