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Who Is ITW Chemtronics?
And how do we know so much about cleaning?
 For more than 42 years Chemtronics branded products have meant the highest performance, quality and innovation to hundreds of thousands of technicians the world over. Our product offering has grown from a handful of cleaners to a complete line of ultra-pure solvents, cleanroom-grade swabs and wipes, and precision rework and repair tools for the electronics industry. Chemtronics and Coventry branded products are manufactured to an ISO 9002 Quality Standard ensuring we will continue to manufacture every product to the same high quality standards, everytime.

At ITW Chemtronics, our mission is simple – to continue as the industry’s innovative technology leader providing our customers with the tools to achieve the highest degree of reliability and productivity.

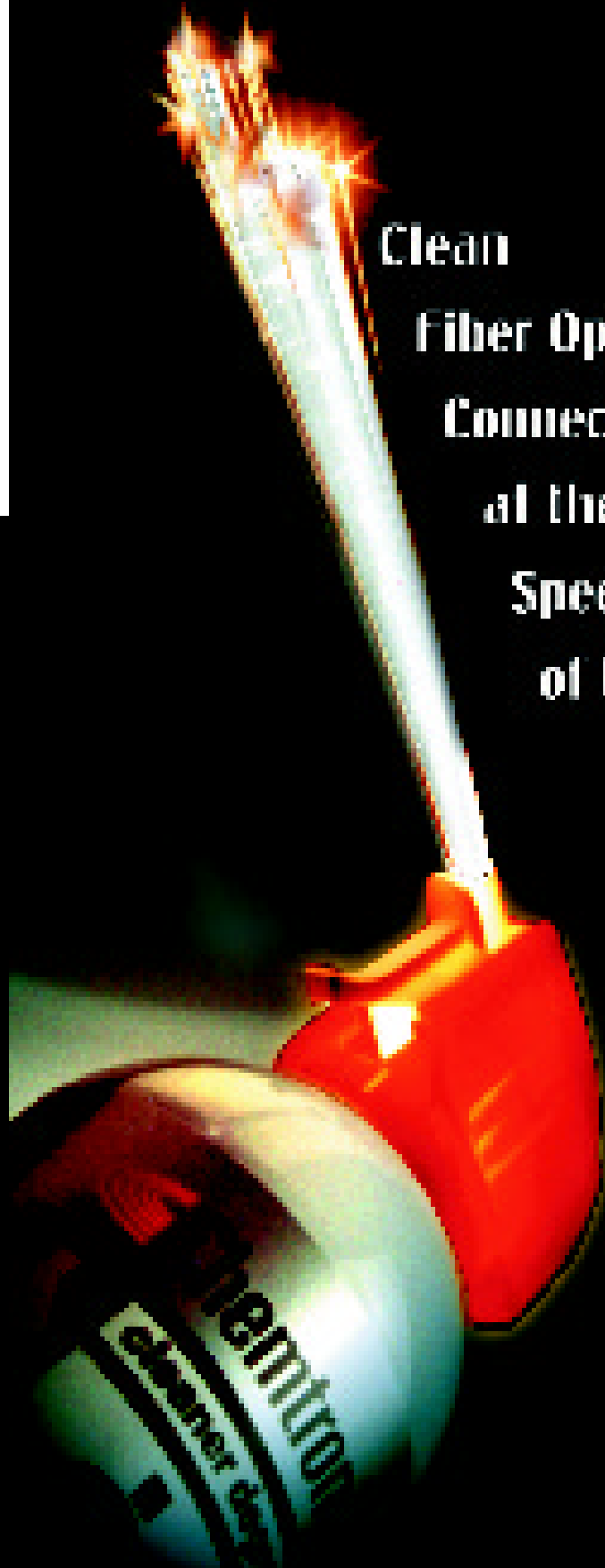
It is in this tradition that we introduce a complete, top quality fiber optic cleaning system — a better way to help you keep your fiber optic communications clearly connected.

Contact our Technical Hotline at 1-800-401-TECH to discuss your fiber optic cleaning needs with an applications engineer.

Or, for **Further Information** or a sample **contact 1-800-645-5244**

and ask for a sales representative to demonstrate our fiber optic solutions

ITW Chemtronics



**Clean
 Fiber Optic
 Connections
 at the
 Speed
 of Light**



**Communicating at the speed of light
 But making sure you have a clean**

Fiber optics touch everyone, everyday, in some way – from telecommunications and the Internet, LAN and WAN, to cable television and video transmissions. As the reach of fiber optics expands, minimizing signal disruption is becoming more important than ever.

The Need For Cleaning

Fiber optic connections are made in a wide range of environmental conditions. During manufacturing, installation or regular maintenance and repair contaminants of any type on a connector can easily increase signal attenuation. Airborne dust, handling soils, even moisture can become a catastrophic transmission problem – causing a tremendous amount of aggravation, lost time and a lot of dollars.

**might not be our idea,
 transmission and stay connected is . . .**

How Clean is Clean?
 Since other cleaning technologies were not available, isopropyl alcohol became the cleaner of choice. However, pure alcohol can damage fiber cladding, cause “haloing” and increase attenuation. And, most alcohols attract water adding to the attenuation of connectors and making connector cleaning difficult at best.

ITW Chemtronics® has combined innovative products together for complete fiber optics cleaning system – making clear, clean and safe connections fast and easy. So, if you’re looking to eliminate aggravation, lost time and a lot of dollars... **There is a better way.**



Fiber Optic Swab

Coventry™ 2.5mm Fiber Optic Swab

The ideal precision cleaning swab for cleaning 2.5 mm fiber optic connectors

- Geometrically designed head conforms to connector face
- Wrapped foam swabs provide outstanding particle entrapment
- Free of fibers, adhesives and binders; will not leave residue
- Excellent for use in tight tolerance areas
- Works well as solvent applicator
- Wrapped foam delivers superior abrasion resistance for removal of tough contaminants
- Wicking action quickly pulls solvent from surfaces.

Swab Length	6.0" (15.24 cm)
Handle Width	0.08" (0.20 cm)
Head Length	1.0" (2.54 cm)
Head Width	0.1" (2.5 cm)
Handle Material	Polypropylene
Head Material	Proprietary foam material

APPLICATIONS

- Ideal for 2.5 mm connectors
- Cleans fiber optic connector surfaces without removing bulkheads
- Cleans carbonization from laser optics
- Removes soils from connector surfaces
- Can be used with Electro-Wash cleaners for hard-to-remove soils

25184	5 swabs per bag
25183	100 swabs per bag

Cleaner Degreasers

Electro-Wash® PX Cleaner Degreaser

The extra-strength universal cleaner degreaser safe for use on plastics

- Safe on plastics
- Extra cleaning strength
- Ozone safe; CFC/HCFC free
- Flammable
- Dries Fast
- Leave no residue
- Clean hard-to-reach areas
- Removes organic and ionic soils

APPLICATIONS

- Cleaning oils and carbonization from connector faces
- Removing buffer and blocking gel from cable bundles
- Patch cords and cables
- Laser diode lenses
- Bulkheads and patch panels

ES1210	12.5 oz aerosol
ES110	1 gallon

Wipes

Coventry™ Econowipes™ Dry Wipes

The economical absorbent wipe for cleaning in all fiber optic applications

- Nonwoven polyester/cellulose blend
- Lowest contamination levels available
- Quickly absorbs excess solvent, contaminants and buffer gels

APPLICATIONS

- Clean, dry and polish connector faces
- Cleaning and wiping gel from cables

6704	1200 per bag ; 4"x4" (10.2cm x 10.2 cm)
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Chempad™ Presaturated Wipes

General purpose, presaturated lint-free cleaning wipe

- Solvent evaporates completely, leaving no residue
- Nonabrasive
- Safe on plastics
- Ideal cleaning wipe for computers, office equipment and electronics housing
- Cleans dirt, oxides, and oil

CP400	50 4"x3" wipers
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Optic Prep™ Presaturated Wipes

The highest quality premoistened lens-grade tissue for cleaning optical surfaces

- Safely cleans and polishes optical surfaces, lenses, photographic equipment, CRT screens and instruments
- Evaporates quickly, leaves no residue
- Compatible with most plastics, glass and metals
- Mild nonabrasive solvent
- Quickly removes dust, oils and contaminants

CP410	50 4"x8.25" pads
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Dusters

Ultrajet® CO2 Duster

The ultra-pure, ultra-powerful duster for highly sensitive surfaces and equipment

- Safe on plastics
- Nonflammable
- Extra-Extra cleaning strength
- Ozone safe; CFC/HCFC free
- 100% ultra-pure CO2
- Strongest cleaning blast available; 300 psig at 77°F/25°C
- Leave no residue
- Clean hard-to-reach areas
- Reusable system includes 2.4 oz refill cylinder, precision valve assembly, restricted tip nozzle, pen-tip nozzle, 36" flexible extension hose

APPLICATIONS

- Fiber optics and connectors
- Particulates from connectors
- Laser diode arrays & windows
- Medical devices
- Dust caps
- Speeds evaporation of slow drying solvents

ES270	1 system
ES275	2.4 oz refill cylinder

MAKE A CLEAN CONNECTION WITH THE FIBER OPTICS CLEANING SYSTEM

For critical interconnection applications ITW Chemtronics has combined specially formulated cleaner degreasers with ultra-pure, powerful blast dusters, and an innovative patented wrapped foam fiber optic swab that was engineered specifically for you. Superior dry and pre-moistened lint-free wipes round out the total package for your convenience and ease of use. And, we're focusing our efforts on developing and adding new innovative products to make your job simpler and easier.

Ultrajet® All-Way Duster

The duster that sprays in any direction with the BIGGEST blast to clean anything fast

- Safe on plastics
- Nonflammable
- Extra-Extra cleaning strength
- Ozone safe; CFC/HCFC free
- 100% ultra-pure HCFC-134a
- Leave no residue
- Clean hard-to-reach areas
- All-Way Spray can be sprayed in any direction without the risk of dispensing a liquid spray that can freeze or damage sensitive systems

APPLICATIONS

- Fiber optics and connectors
- Particulates from connectors
- Laser diode arrays & windows
- Medical devices
- Dust caps
- Speeds evaporation of slow drying solvents

ES1620	8 oz aerosol
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Electro-Wash® CZ Cleaner Degreaser

The first non-ozone depleting, nonflammable cleaner degreaser safe for use on plastics

- Safe on plastics introducing CIROZANE™
- Nonflammable CFC Replacement Chemistry
- Regular cleaning strength made with HFE from 3M
- Ozone safe; CFC/HCFC free
- The best CFC-113 replacement
- Dries Fast
- Leave no residue
- Clean hard-to-reach areas

APPLICATIONS

- Cleaning oils and carbonization from connector faces
- Removing buffer and blocking gel from cable bundles
- Cleaning patch cords and cables
- Laser diode lenses
- Cleaning bulkheads and patch panels

ES7100	12 oz aerosol
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