



## What is the Sticklers™ Pro360™ Touchless Cleaner?

It is a mechanical device that uses clean, pure cleaning fluid and air to remove fiber optic end face contaminants that could interfere or block the optical signal.

For use on all fiber optic end face sizes, it cleans 360° and all the way to the ferrule edge in one cycle, eliminating static and post-clean migratory recontamination.

## How does the Sticklers™ Pro360™ Touchless Cleaner work?

A hand-held wand sprays a high-purity, nonflammable fiber cleaning fluid onto the end face followed by an air burst causing a Coanda effect to completely clean the ferrule end face.

## What is a Coanda effect?

It is the tendency of a fluid jet to stay attached to a convex surface. Like water flowing off a sloping roof adheres to the surface of a gently sloping gutter.

Sticklers™ Pro360™ Touchless Cleaner uses the Coanda effect to manage both air and fluid flow to optimize the cleaning process.

## Who uses the Sticklers™ Pro360™ Touchless Cleaner?

It is engineered for fiber optic professionals including fiber installers, contractors and network engineers to use for new fiber installations and network troubleshooting.

## Where is the Sticklers™ Pro360™ Touchless Cleaner used?

It is used inside data centers, aircraft or ships; up on towers (FFTA/Fiber-to-the Antenna); inside head ins; outside FTTH (Fiber-to-the Home); at nodes/pedestals;

and most other fiber optic end face cleaning applications.

## What are the benefits of purchasing a Sticklers™ Pro360™ Touchless Cleaner?

- Full 360° end face cleaning to the edge, not just the core and three outer regions
- Portable for field use and line powered for benchtop
- Cleans all connector sizes with one unit, no need to carry multiple tools and always have the right size for the job
- Provides the lowest cost per clean
- 3.5 second cycle, single-push button clean-and-dry speeds productivity
- Get up to 2,700 cleans per cleaning fluid cartridge (3-5 times more than Click-to-Clean Tools) without the repetitive clicking motion
- Fewer cleaning fluid cartridge change-outs means less inventory to stock and no more plastic tool refills going to the landfill
- Exceeds the IEC 61300-3-35 standard for end face cleaning

## Where does the contamination go?

Sticklers™ Pro360™ is engineered to clean small amounts of microcontamination (skin oil and dust) normally invisible to the naked eye and seen only via high-magnification fiber inspection microscopes. During the cleaning process, the atomized fluid dissolves oils and carries particulate away from the entire connector end face. The contamination is either carried away from the end face with the cleaning fluid during the drying process, or dispersed to areas of the connector housing where the trace amounts of contamination remaining is harmless. As an added benefit, the atomized spray eliminates static charges

from all treated surfaces to prevent static charged dust particles from jumping back onto the clean surface.

### **What type/style or size end face connectors does the Sticklers™ Pro360™ Touchless Cleaner clean?**

1.25mm; 2.5mm; 1.6mm for military; 2.0mm for broadband; MPO/MTP in various fiber counts and Hi Density (SN, CS, MDC, MMC-VSFF).

### **Do other brands of fiber cleaning fluid canisters work with the Sticklers™ Pro360™?**

The cleaning fluid canister is unique and applied patent exclusive to the Sticklers™ Pro360™ Touchless Cleaner. It is not interchangeable with other brands of cleaning fluid.

The replaceable, nonflammable cleaning fluid canister is hermetically sealed to keep the fluid pure and make it safe to carry on service vehicles or ship via ground or air. It is tested and approved for use from 32°F - 115°F / 0°C - 46°C.

### **What type of battery does the Sticklers™ Pro360™ Touchless Cleaner use?**

The Sticklers™ Pro360™ operates with one rechargeable lithium-ion battery. The battery will last up to 8 hours with normal use and recharges from an AC power source in about 20-45 minutes. A spare battery and an international power adapter come with the kit. Replacement batteries are also sold separately.

### **Is PPE required when using the Sticklers™ Pro360™?**

Protective eyewear is recommended when using any tool. The carrying handle and cleaning wand are also sized to accommodate hands wearing gloves.

### **Does the Sticklers™ Pro360™ Touchless Cleaner require routine maintenance and servicing?**

No routine maintenance is necessary. Depending on use, the air filter will need to be changed, typically annually. The cleaning fluid cartridge will deplete after 2700 cleans and can be easily replaced.

### **Where are the Sticklers™ Pro360™ Touchless Cleaners made?**

The cleaning fluid canister and connector adapter tips are made in the USA. The unit is designed, engineered, and assembled in the USA with global components.

### **What is the Sticklers™ Pro360™ Touchless Cleaner warranty period?**

The Sticklers™ Pro360™ Touchless Cleaner comes with a 1-year, non-extendable warranty.

### **What is the size and weight of the Sticklers™ Pro360™?**

Small and light enough to carry by hand or to clip to a utility belt, it is approximately 8" x 8" x 2" with a 32" long armored wand cable. It weighs about 2 lbs. with a full cleaning fluid cartridge and the battery.

### **What's comes with the Sticklers™ Pro360™ Touchless Cleaner kit?**

The kit includes a compressor with a connected hand piece; 2 rechargeable batteries; a charger with AC power supply with an international adapter, adapter tips (1.25mm, 2.5mm, MPO/MTP, 1.6mm and 2.0mm); a cleaning fluid canister; a CleanWipes 90 tub for splice applications and instructions; all packed in a durable case.

### **Is the Sticklers™ Pro360™ cleaning fluid different than the Sticklers™ Fiber Optic Splice & Connector Cleaning Fluid?**

Yes, the Sticklers™ Pro360™ cleaning fluid is a new, high-purity cleaning fluid that atomizes into a fine mist and evaporates fast to work seamlessly with the Pro360™ dispensing tip. In use, the nonflammable fluid is dispensed in an atomized micro-dose spray. It is safe for users and connectors. It is classified as non-hazardous and non-regulated for transport by air, sea and ground. Containing less than 3 fluid ounces, the Pro360™ can be carried through TSA screening.

### **Does the Sticklers™ Pro360™ have a patent?**

Yes, it is patent pending in all major global markets.

[SticklersCleaners.com](http://SticklersCleaners.com)

MicroCare, LLC  
Tel: 1 800 638 0125

MicroCare U.K. Ltd  
Tel: +44 (0) 113 3609019

MicroCare Asia Pte Ltd  
Tel: +65 6271 0182

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**PRO360™**  
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