

## Features

- Activates Dispenser and Vacuum successively
- Digital Timed operation for a Repeatable Process
- Foot pedal or Button operation
- Hand-free Vacuum Pump Fitting
- No External Air Line Required – Ultra portable

## Benefits

- Controlled Processing for Epoxy Fill.
- Convenient line operation and handling.
- Easy to use!
- Integrates with Industry Standard Epoxy Dispenser
- Durable and High Quality Electronic Components
- No External Air Line Required

## Applications

- MPO Cable Assembly Fabrication
- MT Ferrule Fiber Assemblies
- Single Fiber Epoxy Dispenser

# 1Cure Evolve-MT™

## Epoxy Fill System for MT Ferrule Applications

Connected Fibers introduces the 1Cure Evolve-MT™ epoxy fill system for MT ferrule applications. *Process Evolution* begins with a hands free operation and for the first time a ground-breaking integration of dispenser and vacuum function. No external air line is required to dispense epoxy. This timed feature allows for a repeatable and controlled process by which the epoxy bead size and wetting is even across all fibers. The system can also be used as a dispenser only for single fiber connectors and is fully mobile since no external air line is required.

Consistent epoxy beads help to dial in polishing times and grit size for a more efficient and repeatable polishing process. Long term reliability of the bonded ferrule is improved by the vacuum pump drawing the epoxy through the ferrule and evenly distribute the epoxy around the fibers. A correctly pre-loaded MT ferrule will also prevent core cracking during polishing.

This latest offering expands Connected Fibers' product offering of *intelligent curing ovens and accessories* including the flagship model 1Cure™ epoxy oven and 1Cure-VO™ programmable oven for advanced fiber optic assembly manufacturing.

**Join the Process Evolution!** Contact us for more information and related products such as our Piranha 353ND epoxy and fiber protection sleeves.



Independent timers for Dispense and Vacuum

Independent motor speed control for Dispense and Vacuum



- Foot-pedal for hands free operation
- Integrated control of dispenser and pump
- Digital Timer processing for precision epoxy fill
- Improves long-term product reliability
- Prevent core cracking
- No external air supply required



Call now to place your order:  
1-866-899-7953

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## 1Cure Evolve-MT™

### Part Number and Specifications

1Cure Evolve-MT	Epoxy Fill System includes main body, Vacuum /Dispenser Dual Controller, Foot-Pedal ASC-300-00A015, MT Fixture Tip, Stand, and Hose Assembly, Universal 100V-240V Power Adaptor
ASC-300-00A015	Foot Pedal Assembly
PE-353ND-2G (25)	Heat Cure Epoxy, 2-Gram Bi-Pack, Epoxy Technologies 353ND (25pcs Increments)
Digital Timer	1 to 59 seconds – Vacuum and Dispense Independent
Voltage	12V 0.4A (100-240V AC to DC converter included)
Operation	Button Push or Foot Pedal Operation
Country of Origin	U.S.A.
Warranty	1 year Parts/Labor



MT Fixture Tip, Stand



Digital Timer



#### Consumables-

-  **Piranha™ Branded Epoxy**
-  **Piranha™ Fiber Oven Protection Sleeves**
-  **Piranha™ Application Syringe and Dispenser Accessories**
-  **Piranha™ Polishing Films**

#### Equipment-

-  **1Cure™ Intelligent Epoxy Oven for MT / MPO**
-  **1Cure-VO™ Programmable Epoxy Oven for Vertical Curing**
-  **1Cure-EVOLVE™ Epoxy Fill System**

#### Legacy-

-  **Accu-Cure™ Digital Epoxy Oven**
-  **O.A.S.I.S.™ Polisher Cleaning Workstation**



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The 1Cure product line is Engineered, Designed and Manufactured by Connected Fibers in the U.S.A.

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